Appendix A - Amended Material

Please amend claims 2, 8, and 10-23 as follows:

2. (Four Times Amended) A connector for coupling an end of a coaxial cable to a threaded port, the coaxial cable having a center conductor surrounded by a dielectric, the dielectric being surrounded by a conductive grounding sheath, and the conductive grounding sheath being surrounded by a protective outer jacket, said connector comprising:

a. a tubular post having a first end adapted to be inserted into an exposed end of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end;

b. a nut having a first end for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore for threadedly engaging [a] the threaded port;

c. a cylindrical body member having a first end and a second end, the first end of said cylindrical body member including a cylindrical sleeve having an outer wall of a first diameter and an inner wall, the inner wall bounding a first central bore extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said cylindrical sleeve having an open rear end

portion for receiving the outer jacket of the coaxial cable, said open rear end portion being deformable; and

d. a compression ring having first and second opposing ends and having a central passageway extending therethrough between the first and second ends thereof, the first end of said compression ring having at least a portion of a first internal bore of a diameter commensurate with the first diameter of the outer wall of said cylindrical sleeve for allowing the first end of said compression ring to [extend over] axially slidably engage the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall leading from the first internal bore and narrowing to a reduced diameter as compared with the first diameter; and

e. said inwardly tapered annular wall causing said open rear end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member.

8. (Twice Amended) The connector recited by claim 2 wherein said cylindrical body member includes an enlarged diameter shoulder generally between the first and second ends thereof, said enlarged diameter shoulder having a diameter larger than the first [predetermined] diameter of the outer wall of said open rear end portion of said cylindrical sleeve, the first end of said compression ring engaging, and being stopped by, said enlarged diameter shoulder when said

compression ring has been fully axially advanced over said cylindrical sleeve.

10. (Four Times Amended) A connector for coupling an end of a coaxial cable to a threaded port, the coaxial cable having a center conductor surrounded by a dielectric, the dielectric being surrounded by a conductive grounding sheath, and the conductive grounding sheath being surrounded by a protective outer jacket, said connector comprising in combination:

a. a tubular post having a first end adapted to be inserted into an exposed end of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end;

b. a nut having a first end for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore for threadedly engaging [a] the threaded port;

c. a cylindrical body member having a first end and a second end, the first end of said cylindrical body member including a cylindrical sleeve having an open rear end portion, said open rear end portion having an outer wall of a first diameter and an inner wall, the inner wall bounding a first central bore extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said open rear end portion for receiving the outer jacket of the coaxial cable, said open rear end portion being deformable [deformed inwardly toward said tubular post and

against the jacket of the coaxial cable when a compression ring is advanced axially over the first end of said cylindrical body member];

d. [the] a compression ring having first and second opposing ends and having a central passageway extending therethrough between the first and second ends thereof, the first end of said compression ring having a first internal bore of a diameter commensurate with the first diameter of the outer wall of said open rear end portion of said cylindrical sleeve for allowing the first end of said compression ring to axially slidably engage the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall leading from the first internal bore and narrowing to a reduced diameter as compared with the first [predetermined] diameter;

e. said inwardly tapered annular wall causing said open rear end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member; and

f. wherein said cylindrical sleeve of said cylindrical body member has a circular relief formed therein to facilitate bending of said cylindrical sleeve as said compression ring is axially advanced thereover.

11. (Four Times Amended) A connector for coupling an end of a coaxial cable to a threaded

port, the coaxial cable having a center conductor surrounded by a dielectric, the dielectric being surrounded by a conductive grounding sheath, and the conductive grounding sheath being surrounded by a protective outer jacket, said connector comprising in combination:

a. a tubular post having a first end adapted to be inserted into an exposed end of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end;

b. a nut having a first end for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore for threadedly engaging [a] the threaded port;

c. a cylindrical body member having a first end and a second end, the first end of said cylindrical body member including a cylindrical sleeve having an open rear end portion, said open rear end portion having an outer wall of a first [predetermined] diameter and an inner wall, the inner wall bounding a first central bore extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said open rear end portion for receiving the outer jacket of the coaxial cable, said open rear end portion being deformable [deformed inwardly toward said tubular post and against the jacket of the coaxial cable when a compression ring is advanced axially over the first end of said cylindrical body member];

d. [the] a compression ring having first and second opposing ends and having a central passageway extending therethrough between the first and second ends thereof, the first end of said compression ring having a first internal bore of a diameter commensurate with the first diameter of the outer wall of said open rear end portion of said cylindrical sleeve for allowing the first end of said compression ring to axially slidably engage the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall leading from the first internal bore and narrowing to a reduced diameter as compared with the first diameter;

e. said inwardly tapered annular wall causing said open rear end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member; and

f. wherein said cylindrical sleeve of said cylindrical body member has a tapered section formed therein to facilitate bending of said cylindrical sleeve as said compression ring is axially advanced thereover.

12. (Thrice Amended) A connector for coupling an end of a coaxial cable to a threaded port, the coaxial cable having a center conductor surrounded by an insulator core, the insulator core being surrounded by an outer braid conductor, and the outer braid conductor being surrounded by a

protective sheathing jacket, said connector comprising in combination:

a. a tubular post member having a first opening adapted to be inserted onto an exposed end of the coaxial cable around the insulator core thereof and under the outer braid conductor thereof, said tubular post member having an opposed second opening;

b. a nut member having a first end for rotatably engaging the second opening of said tubular post member and having an opposing second end with an internally threaded bore for threadedly engaging [a] the threaded port;

c. a connector body having a first end and a second end, the first end of said connector body including a cylindrical sleeve having an outer wall of a first diameter and an inner wall, the inner wall bounding a first outer cavity extending about said post member, the second end of said connector body engaging said post member proximate the second opening thereof, said cylindrical sleeve having an open end for receiving the sheathing jacket of the coaxial cable, said open end being deformable;

d. a fastener member having first and second opposing openings and having a second cavity extending therethrough between the first and second opposing openings thereof, the first opening of said fastener member having a first inner bore of a diameter commensurate with the first diameter of the outer wall of said connector body for allowing the first opening of said fastener member to axially slidably engage the first end

of said connector body, the second cavity of said fastener member including a ramped surface leading from the first inner bore and narrowing to a reduced diameter as compared with the first diameter;

e. said ramped surface causing said open end of said cylindrical sleeve to be deformed inwardly toward said tubular post member and against the jacket of the coaxial cable as said fastener member is advanced axially over the connector body toward the second end of said connector body; and

f. wherein said cylindrical sleeve of said connector body has a corrugated surface portion formed therein to facilitate movement of said cylindrical sleeve as said fastener member is axially advanced thereover.

13. (Four Times Amended) A connector for coupling an end of a coaxial cable to a threaded port, the coaxial cable having a center conductor surrounded by a dielectric, the dielectric being surrounded by a conductive grounding sheath, and the conductive grounding sheath being surrounded by a protective outer jacket, said connector comprising in combination:

a. a tubular post having a first end adapted to be inserted into an exposed end of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end;

b. a nut having a first end for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore for threadedly engaging [a] the threaded port;

c. a cylindrical body member having a first end and a second end, the first end of said cylindrical body member including a cylindrical sleeve having an open rear end portion, said open rear end portion having an outer wall of a first diameter and an inner wall, the inner wall bounding a first central bore extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said open rear end portion for receiving the outer jacket of the coaxial cable, said open rear end portion being deformed inwardly toward said tubular post and against the jacket of the coaxial cable when a compression ring is advanced axially over the first end of said cylindrical body member;

d. the compression ring having first and second opposing ends and having a central passageway extending therethrough between the first and second ends thereof, the first end of said compression ring having a first internal bore of a diameter commensurate with the first diameter of the outer wall of said open rear end portion of said cylindrical sleeve for allowing the first end of said compression ring to extend over the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall leading from the first internal bore and narrowing to a reduced diameter as compared with the first diameter;

e. said inwardly tapered annular wall causing said open rear end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member; and

f. wherein a series of grooves are formed in the outer wall of said cylindrical sleeve to reduce drag as the compression ring is axially advanced over said cylindrical sleeve.

14. (Twice Amended) A connector for coupling an end of a coaxial cable to a threaded port, the coaxial cable having a center conductor surrounded by an insulator core, the insulator core being surrounded by an outer braid conductor, and the outer braid conductor being surrounded by a protective sheathing jacket, said connector comprising in combination:

a. a tubular post member having a first opening adapted to be inserted onto an exposed end of the coaxial cable around the insulator core thereof and under the outer braid conductor thereof, said tubular post member having an opposed second opening;

b. a nut member having a first end for rotatably engaging the second opening of said tubular post member and having an opposing second end with an internally threaded bore for threadedly engaging [a] the threaded port;

c. a connector body having a first end and a second end, the first end of said connector

body including a cylindrical sleeve having an outer wall of a first predetermined diameter and an inner wall, the inner wall bounding a first outer cavity extending about said post member, the second end of said connector body engaging said post member proximate the second opening thereof, said cylindrical sleeve having an open end for receiving the sheathing jacket of the coaxial cable, said open end being deformable;

d. a fastener member having first and second opposing openings and having a second cavity extending therethrough between the first and second opposing openings thereof, the first opening of said fastener member having a first inner bore of a diameter commensurate with the first predetermined diameter of the outer wall of said connector body for allowing the first opening of said fastener member to extend over the first end of said connector body, the second cavity of said fastener member including a ramped surface leading from the first inner bore and narrowing to a reduced diameter as compared with the first predetermined diameter;

e. said ramped surface causing said open end of said cylindrical sleeve to be deformed inwardly toward said tubular post member and against the jacket of the coaxial cable as said fastener member is advanced axially over the connector body toward the second end of said connector body; and

f. wherein a corrugated surface portion is formed in the outer wall of said connector body to reduce driving force as the fastener member is axially advanced along said connector

body.

15. (Twice Amended) A connector for coupling an end of a coaxial cable to a threaded port, the coaxial cable having a center conductor surrounded by a dielectric, the dielectric being surrounded by a conductive grounding sheath, and the conductive grounding sheath being surrounded by a protective outer jacket, said connector comprising in combination:

a. a tubular post having a first end adapted to be inserted into an exposed end of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end;

b. a nut having a first end for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore for threadedly engaging [a] the threaded port;

c. a cylindrical body member having a first end and a second end, the first end of said cylindrical body member including a cylindrical sleeve having an outer wall of a first diameter and an inner wall, the inner wall bounding a first central bore extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said cylindrical sleeve having an open rear end portion for receiving the outer jacket of the coaxial cable, said open rear end portion being deformable, wherein the axial length of the cylindrical sleeve is less than the axial

length of the first end of said tubular post;

d. a compression ring having first and second opposing ends and having a central passageway extending therethrough between the first and second ends thereof, the first end of said compression ring having a first internal bore of a diameter commensurate with the first diameter of the outer wall of said cylindrical sleeve for allowing the first end of said compression ring to axially slidably engage the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall leading from the first internal bore and narrowing to a reduced diameter as compared with the first diameter; and

e. said inwardly tapered annular wall causing said open rear end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member.

16. (Twice Amended) A connector for coupling an end of a coaxial cable to a threaded port, the coaxial cable having a center conductor surrounded by a dielectric, the dielectric being surrounded by a conductive grounding sheath, and the conductive grounding sheath being surrounded by a protective outer jacket, said connector comprising in combination:

a. a tubular post having a first end adapted to be inserted into an exposed end of the coaxial cable around the dielectric thereof and under the conductive grounding sheath

thereof, said tubular post having an opposing second end;

b. a nut having a first end for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore for threadedly engaging [a] the threaded port;

c. a cylindrical body member having a first end and a second end, the first end of said cylindrical body member including a cylindrical sleeve having an outer wall of a first diameter and an inner wall, the inner wall bounding a first central bore extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said cylindrical sleeve having an open rear end portion for receiving the outer jacket of the coaxial cable, said open rear end portion being deformable;

d. a compression ring having first and second opposing ends and having a central passageway extending therethrough between the first and second ends thereof, the first end of said compression ring having a first internal bore of a diameter commensurate with the first diameter of the outer wall of said cylindrical sleeve for allowing the first end of said compression ring to axially slidably engage the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall leading from the first internal bore and narrowing to a reduced diameter as compared with the first diameter, wherein the first internal bore is without helical threads;

and

e. said inwardly tapered annular wall causing said open rear end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member.

17. (Twice Amended) A connector for coupling an end of a coaxial cable to a threaded port, the coaxial cable having a center conductor surrounded by a dielectric, the dielectric being surrounded by a conductive grounding sheath, and the conductive grounding sheath being surrounded by a protective outer jacket, said connector comprising in combination:

a. a tubular post having a first end adapted to be inserted into an exposed end of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end;

b. a nut having a first end for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore for threadedly engaging [a] the threaded port;

c. a cylindrical body member having a first end and a second end, the first end of said cylindrical body member including a cylindrical sleeve having an outer wall of a first

diameter and an inner wall, the inner wall bounding a first central bore extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said cylindrical sleeve having an open rear end portion for receiving the outer jacket of the coaxial cable, said open rear end portion being deformable;

d. a compression ring having first and second opposing ends and having a central passageway extending therethrough between the first and second ends thereof, the first end of said compression ring having a first internal bore of a diameter commensurate with the first diameter of the outer wall of said cylindrical sleeve for allowing the first end of said compression ring to axially slidably engage the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall leading from the first internal bore and narrowing to a reduced diameter as compared with the first diameter, wherein the first internal bore is a substantially smooth bore; and

e. said inwardly tapered annular wall causing said open rear end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member.

18. (Twice Amended) A connector for coupling an end of a coaxial cable to a threaded port, the

coaxial cable having a center conductor surrounded by a dielectric, the dielectric being surrounded by a conductive grounding sheath, and the conductive grounding sheath being surrounded by a protective outer jacket, said connector comprising in combination:

a. a tubular post having a first end adapted to be inserted into an exposed end of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end;

b. a nut having a first end for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore for threadedly engaging [a] the threaded port;

c. a cylindrical body member having a first end and a second end, the first end of said cylindrical body member including a cylindrical sleeve having an outer wall of a first diameter and an inner wall, the inner wall bounding a first central bore extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said cylindrical sleeve having an open rear end portion for receiving the outer jacket of the coaxial cable, said open rear end portion being deformable;

d. a compression ring having first and second opposing ends and having a central passageway extending therethrough between the first and second ends thereof, the first

end of said compression ring having a first internal bore of a diameter commensurate with the first diameter of the outer wall of said cylindrical sleeve for allowing the first end of said compression ring to axially slidably engage the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall leading from the first internal bore and narrowing to a reduced diameter as compared with the first diameter, wherein the axial length of the central passageway of the compression ring is approximately equal to or less than the axial length of the first end of said tubular post; and

e. said inwardly tapered annular wall causing said open rear end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member.

19. (Twice Amended) A connector for coupling an end of a coaxial cable to a threaded port, the coaxial cable having a center conductor surrounded by a dielectric, the dielectric being surrounded by a conductive grounding sheath, and the conductive grounding sheath being surrounded by a protective outer jacket, said connector comprising in combination:

a. a tubular post having a first end adapted to be inserted into an exposed end of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end;

b. a nut having a first end for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore for threadedly engaging [a] the threaded port;

c. a cylindrical body member having a first end and a second end, the first end of said cylindrical body member including a cylindrical sleeve having an outer wall of a first diameter and an inner wall, the inner wall bounding a first central bore extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said cylindrical sleeve having an open rear end portion for receiving the outer jacket of the coaxial cable, said open rear end portion being deformable;

d. a compression ring having first and second opposing ends and having a central passageway extending therethrough between the first and second ends thereof, the first end of said compression ring having a first internal bore of a diameter commensurate with the first diameter of the outer wall of said cylindrical sleeve for allowing the first end of said compression ring to axially slidably engage the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall leading from the first internal bore and narrowing to a reduced diameter as compared with the first diameter, wherein the axial length of the first internal bore is less than the axial length of the first end of said tubular post; and

e. said inwardly tapered annular wall causing said open rear end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member.

20. (Twice Amended) A connector for coupling an end of a coaxial cable to a threaded port, the coaxial cable having a center conductor surrounded by a dielectric, the dielectric being surrounded by a conductive grounding sheath, and the conductive grounding sheath being surrounded by a protective outer jacket, said connector comprising in combination:

a. a tubular post having a first end adapted to be inserted into an exposed end of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end;

b. a nut having a first end for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore for threadedly engaging [a] the threaded port;

c. a cylindrical body member having a first end and a second end, the first end of said cylindrical body member including a cylindrical sleeve having an outer wall of a first diameter and an inner wall, the inner wall bounding a first central bore extending about said tubular post, the second end of said cylindrical body member engaging said tubular

post proximate the second end thereof, said cylindrical sleeve having an open rear end portion for receiving the outer jacket of the coaxial cable, said open rear end portion being deformable;

d. a compression ring having first and second opposing ends and having a central passageway extending therethrough between the first and second ends thereof, the first end of said compression ring having a first internal bore of a diameter commensurate with the first diameter of the outer wall of said cylindrical sleeve for allowing the first end of said compression ring to axially slidably engage the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall leading from the first internal bore and narrowing to a reduced diameter as compared with the first diameter, wherein the axial length of the first internal bore is less than the axial length of the deformable rear end portion of the cylindrical sleeve; and

e. said inwardly tapered annular wall causing said open rear end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member.

21. (Amended) A connector for coupling an end of a coaxial cable to a threaded port, the coaxial cable having a center conductor surrounded by a dielectric, the dielectric being surrounded by a conductive grounding sheath, and the conductive grounding sheath being surrounded by a

protective outer jacket, said connector comprising:

a. a tubular post having a first end adapted to be inserted into an exposed end of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end;

b. a nut having a first end for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore for threadedly engaging [a] the threaded port;

c. a cylindrical body member having a first end and a second end, the first end of said cylindrical body member including a cylindrical sleeve having an outer wall of a first diameter and an inner wall, the inner wall bounding a first central bore extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said cylindrical sleeve having an open rear end portion for receiving the outer jacket of the coaxial cable, said open rear end portion being deformable;

d. a compression ring having first and second opposing ends and having a central passageway extending therethrough between the first and second ends thereof, the first end of said compression ring having a first non-tapered internal bore of a diameter commensurate with the first diameter of the outer wall of said cylindrical sleeve for

allowing the first end of said compression ring to extend over the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall leading from the first internal bore and narrowing to a reduced diameter as compared with the first diameter; and

e. said inwardly tapered annular wall causing said first end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member.

22. (Amended) A connector for coupling an end of a coaxial cable to a threaded port, the coaxial cable having a center conductor surrounded by a dielectric, the dielectric being surrounded by a conductive grounding sheath, and the conductive grounding sheath being surrounded by a protective outer jacket, said connector comprising:

a. a tubular post having a first end adapted to be inserted into an exposed end of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end;

b. a nut having a first end for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore for threadedly engaging [a] <u>the</u> threaded port;

c. a cylindrical body member having a first end and a second end, the first end of said cylindrical body member including a cylindrical sleeve having an outer wall of a first diameter and an inner wall, the inner wall bounding a first central bore extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said cylindrical sleeve having an open rear end portion for receiving the outer jacket of the coaxial cable, said open rear end portion being deformable;

d. a compression ring having first and second opposing ends and having a central passageway extending therethrough between the first and second ends thereof, the first end of said compression ring having a first constant diameter internal bore of a diameter commensurate with the first diameter of the outer wall of said cylindrical sleeve for allowing the first end of said compression ring to extend over the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall leading from the first internal bore and narrowing to a reduced diameter as compared with the first diameter; and

e. said inwardly tapered annular wall causing said first end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member.

23. (Amended) A connector for coupling an end of a coaxial cable to a threaded port, comprising:

a. a post;

b. a nut for rotatably engaging the post;

c. a connector body, operatively attached to the post, having a first end and a second end, the first end of said connector body including a sleeve, said sleeve having a deformable open rear end portion for receiving the coaxial cable;

d. a fastener member having first and second opposing ends, the first end of said fastener member having at least a portion of a first internal opening of a diameter commensurate with the first diameter of the outer wall of said sleeve for allowing said fastener member to axially slidably engage the first end of said fastener member, said fastener member including an inwardly tapered annular wall leading from the first internal bore and narrowing to a reduced diameter as compared with the first diameter; and

e. said inwardly tapered annular wall causing said open rear end portion of said sleeve to be deformed inwardly as said fastener member is advanced axially over the connector body.

Appendix B: Proposed Counts

Six counts are proposed and each proposed count is a phantom count having the form: (Patent Component) OR (Application Component).

The "Patent Component" is a claim in the Burris 5,997,350 issued patent. The "Application Component" is a claim in the 09/621,975 pending patent application. The Patent Component claim and the Application Component claim are directed to the same invention for each count. The reason that the Patent Component and Application Component are logically connected by an OR operator is that corresponding claims directed to the same patentable invention in the Burris 5,997,350 patent and the 09/621,975 pending patent application have slightly different claim language largely due to refusal by the Examiner of the 09/621,975 pending patent application to allow claims of the 09/621,975 pending patent application that had been substantially copied from the Burris 5,997,350 issued patent. The Examiner's refusal to allow, on grounds of prior art, substantially the same claims as had issued in the Burris 5,997,350 issued patent.

The six proposed counts are as denoted in the following table:

Count	Patent Component	Application Component
1	Burris '350 Patent claim 1	09/621,975 Patent Application claim 2
2	Burris '350 Patent claim 3	09/621,975 Patent Application claim 4
3	Burris '350 Patent claim 4	09/621,975 Patent Application claim 6
4	Burris '350 Patent claim 5	09/621,975 Patent Application claim 8
5	Burris '350 Patent claim 6	09/621,975 Patent Application claim 10
6	Burris '350 Patent claim 7	09/621,975 Patent Application claim 13

The claims corresponding to the counts are as indicated in the following table:

	Claims Corresponding To The Count	
Count	**Burris '350 Patent**	**09/621,975 Patent Application**
1	claim 1	claims 2, 15-22
2	claim 3	claim 4
3	claim 4	claim 6
4	claim 5	claim 8
5	claim 6	claims 10, 11, 12
6	claim 7	claims 13, 14

The six phantom counts are explicitly as follows.

Count 1

A connector for coupling the end of a coaxial cable to a threaded port, the coaxial cable having a center conductor surrounded by a dielectric, the dielectric being surrounded by a conductive grounding sheath, and the conductive grounding sheath being surrounded by a protective outer jacket, said connector comprising in combination:

a. a tubular post having a first end adapted to be inserted into an exposed end of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end;

b. a nut having a first end for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore for threadedly engaging a threaded port;

c. a cylindrical body member having a first end and a second end, the first end of said cylindrical body member including a cylindrical sleeve having an outer wall of a first predetermined diameter and an inner wall, the inner wall bounding a first central bore extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said cylindrical sleeve having an open rear end portion for receiving the outer jacket of the coaxial cable, said open rear end portion being deformable; and

d. a compression ring having first and second opposing ends and having a central passageway extending therethrough between the first and second ends thereof, the first end of said compression ring having a first internal bore of a diameter commensurate with the first predetermined diameter of the outer wall of said cylindrical sleeve for allowing the first end of said compression ring to extend over the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall leading from the first internal bore and narrowing to a reduced diameter as compared with the first predetermined diameter;

e. said inwardly tapered annular wall causing said rear end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member.

OR

A connector for coupling an end of a coaxial cable to a threaded port, the coaxial cable having a center conductor surrounded by a dielectric, the dielectric being surrounded by a conductive grounding sheath, and the conductive grounding sheath being surrounded by a protective outer jacket, said connector comprising:

a. a tubular post having a first end adapted to be inserted into an exposed end of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end;

b. a nut having a first end for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore for threadedly engaging the threaded port;

c. a cylindrical body member having a first end and a second end, the first end of said cylindrical body member including a cylindrical sleeve having an outer wall of a first diameter and an inner wall, the inner wall bounding a first central bore extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said cylindrical sleeve having an open rear end portion for receiving the outer jacket of the coaxial cable, said open rear end portion being deformable;

d. a compression ring having first and second opposing ends and having a central passageway extending therethrough between the first and second ends thereof, the first end of said compression ring having at least a portion of a first internal bore of a diameter commensurate with the first diameter of the outer wall of said cylindrical sleeve for allowing the first end of said compression ring to axially slidably engage the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall leading from the first internal bore and narrowing to a reduced diameter as compared with the first diameter; and

e. said inwardly tapered annular wall causing said open rear end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member.

Count 2

A connector for coupling the end of a coaxial cable to a threaded port, the coaxial cable having a center conductor surrounded by a dielectric, the dielectric being surrounded by a conductive grounding sheath, and the conductive grounding sheath being surrounded by a protective outer jacket, said connector comprising in combination:

a. a tubular post having a first end adapted to be inserted into an exposed end of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end;

b. a nut having a first end for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore for threadedly engaging a threaded port;

c. a cylindrical body member having a first end and a second end, the first end of said cylindrical body member including a cylindrical sleeve having an outer wall of a first predetermined diameter and an inner wall, the inner wall bounding a first central bore extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said cylindrical sleeve having an open rear end portion for receiving the outer jacket of the coaxial cable, said open rear end portion being deformable; and

d. a compression ring having first and second opposing ends and having a central passageway extending therethrough between the first and second ends thereof, the first end of said compression ring having a first internal bore of a diameter commensurate with the first predetermined diameter of the outer wall of said cylindrical sleeve for allowing the first end of said compression ring to extend over the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall leading from the first internal bore and narrowing to a reduced diameter as compared with the first predetermined diameter;

e. said inwardly tapered annular wall causing said rear end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member,

wherein said compression ring is mounted over the first end of said cylindrical body, but is not fully axially advanced, prior to installation over the end of a coaxial cable.

OR

A connector for coupling an end of a coaxial cable to a threaded port, the coaxial cable having a center conductor surrounded by a dielectric, the dielectric being surrounded by a conductive grounding sheath, and the conductive grounding sheath being surrounded by a protective outer jacket, said connector comprising:

a. a tubular post having a first end adapted to be inserted into an exposed end of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end;

b. a nut having a first end for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore for threadedly engaging the threaded port;

c. a cylindrical body member having a first end and a second end, the first end of said cylindrical body member including a cylindrical sleeve having an outer wall of a first diameter and an inner wall, the inner wall bounding a first central bore extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said cylindrical sleeve having an open rear end portion for receiving the outer jacket of the coaxial cable, said open rear end portion being deformable;

d. a compression ring having first and second opposing ends and having a central passageway extending therethrough between the first and second ends thereof, the first end of said compression ring having at least a portion of a first internal bore of a diameter commensurate with the first diameter of the outer wall of said cylindrical sleeve for allowing the first end of said compression ring to axially slidably engage the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall leading from the first internal bore and narrowing to a reduced diameter as compared with the first diameter; and

e. said inwardly tapered annular wall causing said open rear end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member,

wherein said compression ring is mounted over the first end of said cylindrical body, but is not fully axially advanced, prior to installation over the end of a coaxial cable.

Count 3

A connector for coupling the end of a coaxial cable to a threaded port, the coaxial cable having a center conductor surrounded by a dielectric, the dielectric being surrounded by a conductive grounding sheath, and the conductive grounding sheath being surrounded by a protective outer jacket, said connector comprising in combination:

a. a tubular post having a first end adapted to be inserted into an exposed end of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end;

b. a nut having a first end for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore for threadedly engaging a threaded port;

c. a cylindrical body member having a first end and a second end, the first end of said cylindrical body member including a cylindrical sleeve having an outer wall of a first predetermined diameter and an inner wall, the inner wall bounding a first central bore extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said cylindrical sleeve having an open rear end portion for receiving the outer jacket of the coaxial cable, said open rear end portion being deformable; and

d. a compression ring having first and second opposing ends and having a central passageway extending therethrough between the first and second ends thereof, the first end of said compression ring having a first internal bore of a diameter commensurate with the first predetermined diameter of the outer wall of said cylindrical sleeve for allowing the first end of said compression ring to extend over the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall leading from the first internal bore and narrowing to a reduced diameter as compared with the first predetermined diameter;

e. said inwardly tapered annular wall causing said rear end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member,

wherein said compression ring is initially integral with the sleeve of said cylindrical body member and connected thereto by a frangible connection, and wherein axial advancement of said compression ring toward the second end of said cylindrical body member breaks the frangible connection between said compression ring and said cylindrical body member.

OR

A connector for coupling an end of a coaxial cable to a threaded port, the coaxial cable having a center conductor surrounded by a dielectric, the dielectric being surrounded by a conductive grounding sheath, and the conductive grounding sheath being surrounded by a protective outer jacket, said connector comprising:

a. a tubular post having a first end adapted to be inserted into an exposed end of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end;

b. a nut having a first end for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore for threadedly engaging the threaded port;

c. a cylindrical body member having a first end and a second end, the first end of said cylindrical body member including a cylindrical sleeve having an outer wall of a first diameter and an inner wall, the inner wall bounding a first central bore extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said cylindrical sleeve having an open rear end portion for receiving the outer jacket of the coaxial cable, said open rear end portion being deformable;

d. a compression ring having first and second opposing ends and having a central passageway extending therethrough between the first and second ends thereof, the first end of said compression ring having at least a portion of a first internal bore of a diameter commensurate with the first diameter of the outer wall of said cylindrical sleeve for allowing the first end of said compression ring to axially slidably engage the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall leading from the first internal bore and narrowing to a reduced diameter as compared with the first diameter; and

e. said inwardly tapered annular wall causing said open rear end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member,

wherein said compression ring is initially securely fastened to the sleeve of said cylindrical body member and connected thereto by a releasable connection, and wherein the axially slidable advancement of said compression ring toward the second end of said cylindrical body member separates the releasable connection between said compression ring and said cylindrical body member.

Count 4

A connector for coupling the end of a coaxial cable to a threaded port, the coaxial cable having a center conductor surrounded by a dielectric, the dielectric being surrounded by a conductive grounding sheath, and the conductive grounding sheath being surrounded by a protective outer jacket, said connector comprising in combination:

a. a tubular post having a first end adapted to be inserted into an exposed end of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end;

b. a nut having a first end for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore for threadedly engaging a threaded port;

c. a cylindrical body member having a first end and a second end, the first end of said cylindrical body member including a cylindrical sleeve having an outer wall of a first predetermined diameter and an inner wall, the inner wall bounding a first central bore extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said cylindrical sleeve having an open rear end portion for receiving the outer jacket of the coaxial cable, said open rear end portion being deformable; and

d. a compression ring having first and second opposing ends and having a central passageway extending therethrough between the first and second ends thereof, the first end of said compression ring having a first internal bore of a diameter commensurate with the first predetermined diameter of the outer wall of said cylindrical sleeve for allowing the first end of said compression ring to extend over the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall leading from the first internal bore and narrowing to a reduced diameter as compared with the first predetermined diameter;

e. said inwardly tapered annular wall causing said rear end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member,

wherein said cylindrical body member includes an enlarged diameter shoulder generally between the first and second ends thereof, said enlarged diameter shoulder having a diameter larger than the first predetermined diameter of the outer wall of said cylindrical sleeve, the first end of said compression ring engaging, and being stopped by, said enlarged diameter shoulder when said compression ring has been fully axially advanced over said cylindrical sleeve.

OR

A connector for coupling an end of a coaxial cable to a threaded port, the coaxial cable having a center conductor surrounded by a dielectric, the dielectric being surrounded by a conductive grounding sheath, and the conductive grounding sheath being surrounded by a protective outer jacket, said connector comprising:

a. a tubular post having a first end adapted to be inserted into an exposed end of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end;

b. a nut having a first end for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore for threadedly engaging the threaded port;

c. a cylindrical body member having a first end and a second end, the first end of said cylindrical body member including a cylindrical sleeve having an outer wall of a first diameter and an inner wall, the inner wall bounding a first central bore extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said cylindrical sleeve having an open rear end portion for receiving the outer jacket of the coaxial cable, said open rear end portion being deformable;

d. a compression ring having first and second opposing ends and having a central passageway extending therethrough between the first and second ends thereof, the first end of said compression ring having at least a portion of a first internal bore of a diameter commensurate with the first diameter of the outer wall of said cylindrical sleeve for allowing the first end of said compression ring to axially slidably engage the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall leading from the first internal bore and narrowing to a reduced diameter as compared with the first diameter; and

e. said inwardly tapered annular wall causing said open rear end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member,

wherein said cylindrical body member includes an enlarged diameter shoulder generally between the first and second ends thereof, said enlarged diameter shoulder having a diameter larger than the first diameter of the outer wall of said open rear end portion of said cylindrical sleeve, the first end of said compression ring engaging, and being stopped by, said enlarged diameter shoulder when said compression ring has been fully axially advanced over said cylindrical sleeve.

Count 5

A connector for coupling the and of a coaxial cable to a threaded port, the coaxial cable having a

center conductor surrounded by a dielectric, the dielectric being surrounded by a conductive grounding sheath, and the conductive grounding sheath being surrounded by a protective outer jacket, said connector comprising in combination:

a. a tubular post having a first end adapted to be inserted into an exposed end of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end;

b. a nut having a first end for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore for threadedly engaging a threaded port;

c. a cylindrical body member having a first end and a second end, the first end of said cylindrical body member including a cylindrical sleeve having an outer wall of a first predetermined diameter and an inner wall, the inner wall bounding a first central bore extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said cylindrical sleeve having an open rear end portion for receiving the outer jacket of the coaxial cable, said open rear end portion being deformable; and

d. a compression ring having first and second opposing ends and having a central passageway extending therethrough between the first and second ends thereof, the first end of said compression ring having a first internal bore of a diameter commensurate with the first predetermined diameter of the outer wall of said cylindrical sleeve for allowing the first end of said compression ring to extend over the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall leading from the first internal bore and narrowing to a reduced diameter as compared with the first predetermined diameter;

e. said inwardly tapered annular wall causing said rear end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member; and

f. wherein said cylindrical sleeve of said cylindrical body member has a circular relief formed therein to facilitate bending of said cylindrical sleeve as said compression ring is axially advanced thereover.

OR

A connector for coupling an end of a coaxial cable to a threaded port, the coaxial cable having a center conductor surrounded by a dielectric, the dielectric being surrounded by a conductive grounding sheath, and the conductive grounding sheath being surrounded by a protective outer jacket, said connector comprising in combination:

a. a tubular post having a first end adapted to be inserted into an exposed end of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end;

b. a nut having a first end for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore for threadedly engaging the threaded port;

c. a cylindrical body member having a first end and a second end, the first end of said cylindrical body member including a cylindrical sleeve having an open rear end portion, said open rear end portion having an outer wall of a first diameter and an inner wall, the inner wall bounding a first central bore extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said open rear end portion for receiving the outer jacket of the coaxial cable, said open rear end portion being deformable;

d. a compression ring having first and second opposing ends and having a central passageway extending therethrough between the first and second ends thereof, the first end of said compression ring having a first internal bore of a diameter commensurate with the first diameter of the outer wall of said open rear end portion of said cylindrical sleeve for allowing the first end of said compression ring to axially slidably engage the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall leading from the first internal bore and narrowing to a reduced diameter as compared with the first diameter;

e. said inwardly tapered annular wall causing said open rear end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member; and

f. wherein said cylindrical sleeve of said cylindrical body member has a circular relief formed therein to facilitate bending of said cylindrical sleeve as said compression ring is axially advanced thereover.

Count 6

A connector for coupling the end of a coaxial cable to a threaded port, the coaxial cable having a center conductor surrounded by a dielectric, the dielectric being surrounded by a conductive grounding sheath, and the conductive grounding sheath being surrounded by a protective outer jacket, said connector comprising in combination:

a. a tubular post having a first end adapted to be inserted into an exposed end of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end;

b. a nut having a first end for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore for threadedly engaging a threaded port;

c. a cylindrical body member having a first end and a second end, the first end of said cylindrical body member including a cylindrical sleeve having an outer wall of a first predetermined diameter and an inner wall, the inner wall bounding a first central bore extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said cylindrical sleeve having an open rear end portion for receiving the outer jacket of the coaxial cable, said open rear end portion being deformable; and

d. a compression ring having first and second opposing ends and having a central passageway extending therethrough between the first and second ends thereof, the first end of said compression ring having a first internal bore of a diameter commensurate with the first predetermined diameter of the outer wall of said cylindrical sleeve for allowing the first end of said compression ring to extend over the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall leading from the first internal bore and narrowing to a reduced diameter as compared with the first predetermined diameter;

e. said inwardly tapered annular wall causing said rear end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member; and

f. wherein a series of grooves are formed in the outer wall of said cylindrical sleeve to reduce drag as the compression ring is axially advanced over said cylindrical sleeve.

OR

A connector for coupling an end of a coaxial cable to a threaded port, the coaxial cable having a center conductor surrounded by a dielectric, the dielectric being surrounded by a conductive grounding sheath, and the conductive grounding sheath being surrounded by a protective outer jacket, said connector comprising in combination:

a. a tubular post having a first end adapted to be inserted into an exposed end of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end;

b. a nut having a first end for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore for threadedly engaging the threaded port;

c. a cylindrical body member having a first end and a second end, the first end of said cylindrical body member including a cylindrical sleeve having an open rear end portion, said open rear end portion having an outer wall of a first diameter and an inner wall, the inner wall bounding a first central bore extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said open rear end portion for receiving the outer jacket of the coaxial cable, said open rear end portion being deformed inwardly toward said tubular post and against the jacket of the coaxial cable when a compression ring is advanced axially over the first end of said cylindrical body member;

d. the compression ring having first and second opposing ends and having a central passageway extending therethrough between the first and second ends thereof, the first end of said compression ring having a first internal bore of a diameter commensurate with the first diameter of the outer wall of said open rear end portion of said cylindrical sleeve for allowing the first end of said compression ring to extend over the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall leading from the first internal bore and narrowing to a reduced diameter as compared with the first diameter;

e. said inwardly tapered annular wall causing said open rear end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member; and

f. wherein a series of grooves are formed in the outer wall of said cylindrical sleeve to reduce drag as the compression ring is axially advanced over said cylindrical sleeve.

Appendix C: Application of Claim Terms to the Disclosure of the Application

This Appendix includes claims of the present patent application that correspond to the count. Reference numerals are indicated below for the structural elements in each such claim. The reference numeral for a structural element is indicated below only for the first appearance of the structural element in the claim. Appendix D comprises a table that links said structural elements in said claims to the descriptive language that appears in the specification of the present patent application.

Claim 2

A connector (10; FIG. 1) for coupling an end of a coaxial cable (12; FIG. 1) to a threaded port, the coaxial cable having a center conductor (14; FIG. 1) surrounded by a dielectric (20; FIG. 1, 2), the dielectric being surrounded by a conductive grounding sheath (16; FIG. 1), and the conductive grounding sheath being surrounded by a protective outer jacket (22; FIG. 1), said connector comprising:

a. a tubular post (26; FIG. 1) having a first end (30; FIG. 2) adapted to be inserted into an exposed end (left end of 12; FIG. 1) of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end (32; FIG. 2);

b. a nut (44; FIG. 1) having a first end (48; FIG. 1) for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore (46; FIG. 1) for threadedly engaging the threaded port;

c. a cylindrical body member (24; FIG. 1, 3) having a first end (right end of 24; FIG. 1) and a second end (left end of 24; FIG. 1), the first end of said cylindrical body member including a cylindrical sleeve (right portion of 24; FIG. 1) having an outer wall of a first diameter (diameter "d"; FIG. 3) and an inner wall (40; FIG. 1), the inner wall bounding a first central bore (36; FIG. 1) extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said cylindrical sleeve having an open rear end portion (38; FIG. 1) for receiving the outer jacket of the coaxial cable, said open rear end portion being deformable;

d. a compression ring (28; FIG. 1, 4) having first (56; FIG. 4) and second opposing ends (58; FIG. 4) and having a central passageway (60; FIG. 4) extending therethrough between the first and second ends thereof, the first end of said compression ring having at least a portion of a first internal bore (62; FIG. 4) of a diameter commensurate with the first diameter of the outer wall of said cylindrical sleeve for allowing the first end of said compression ring to axially slidably engage the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall (66; FIG. 4) leading from the first internal bore and narrowing to a reduced diameter (64; FIG. 4) as compared with the first diameter; and

e. said inwardly tapered annular wall causing said open rear end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member.

Claim 4

The connector recited by claim 2 (10; FIG. 1) wherein said compression ring (28; FIG. 1, 4) is mounted over the first end (right end of 24; FIG. 1) of said cylindrical body (24; FIG. 1), but is not fully axially advanced, prior to installation over the end of a coaxial cable (12; FIG. 1).

Claim 6

The connector (110; FIG. 10) recited by claim 2 wherein said compression ring (128; FIG. 10) is initially securely fastened to the sleeve (right portion of 124; FIG. 9) of said cylindrical body member (124; FIG. 9) and connected thereto by a releasable connection (connection between detente 148 of FIG. 9 and groove 150 of FIG. 10) , and wherein the axially slidable advancement of said compression ring toward the second end (left end of 124; FIG. 9) of said cylindrical body member separates the releasable connection between said compression ring and said cylindrical body member.

Claim 8

The connector (10; FIG. 5) recited by claim 2 wherein said cylindrical body member (24; FIG. 5) includes an enlarged diameter shoulder (70; FIG. 5) generally between the first and second ends (right and left ends of 24; FIG. 5) thereof, said enlarged diameter shoulder having a diameter larger than the first diameter (diameter "d"; FIG. 3) of the outer wall of said open rear end portion end (38; FIG. 1) of said cylindrical sleeve (right portion of 24; FIG. 5), the first end (56; FIG. 4) of said compression ring (28; FIG. 4) engaging, and being stopped by, said enlarged diameter shoulder end when said compression ring has been fully axially advanced over said cylindrical sleeve.

Claim 10

A connector (10; FIG. 1) for coupling an end of a coaxial cable (12; FIG. 1) to a threaded port, the coaxial cable having a center conductor (14; FIG. 1) surrounded by a dielectric (20; FIG. 1, 2), the dielectric being surrounded by a conductive grounding sheath (16; FIG. 1), and the conductive grounding sheath being surrounded by a protective outer jacket (22; FIG. 1), said connector comprising in combination:

a. a tubular post (26; FIG. 1) having a first end (30; FIG. 2) adapted to be inserted into an exposed end (left end of 12; FIG. 1) of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end (32; FIG. 2);

b. a nut (44; FIG. 1) having a first end (48; FIG. 1) for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore (46; FIG. 1) for threadedly engaging the threaded port;

c. a cylindrical body member (24; FIG. 1, 3) having a first end (right end of 24; FIG. 1) and a second end (left end of 24; FIG. 1), the first end of said cylindrical body member including a cylindrical sleeve (right portion of 24, FIG. 1) having an open rear end portion (38; FIG. 1), said open rear end portion having an outer wall of a first diameter (diameter "d"; FIG. 3) and an inner wall, (40; FIG. 1) the inner wall bounding a first central bore (36; FIG. 1) extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said open rear end portion for receiving the outer jacket of the coaxial cable, said open rear end portion being deformable;

d. a compression ring (28; FIG. 1, 4) having first (56; FIG. 4) and second opposing ends (58; FIG. 4) and having a central passageway (60; FIG. 4) extending therethrough between the first and second ends thereof, the first end of said compression ring having a first internal bore (62; FIG. 4) of a diameter commensurate with the first diameter of the outer wall of said open rear end portion of said cylindrical sleeve for allowing the first end of said compression ring to axially slidably engage the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall (66; FIG. 4) leading from the first internal bore and narrowing to a reduced diameter (64; FIG. 4) as compared with the first diameter;

e. said inwardly tapered annular wall causing said open rear end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member; and

f. wherein said cylindrical sleeve (right portion of 124; FIG. 9) of said cylindrical body member (124; FIG. 9) has a circular relief (146; FIG. 9) formed therein to facilitate bending of said cylindrical sleeve as said compression ring (128; FIG. 10) is axially advanced thereover.

Claim 11

A connector (10; FIG. 1) for coupling an end of a coaxial cable (12; FIG. 1) to a threaded port, the coaxial cable having a center conductor (14; FIG. 1) surrounded by a dielectric (20; FIG. 1, 2), the dielectric being surrounded by a conductive grounding sheath (16; FIG. 1), and the conductive grounding sheath being surrounded by a protective outer jacket (22; FIG. 1), said connector comprising in combination:

a. a tubular post (26; FIG. 1) having a first end (30; FIG. 2) adapted to be inserted into an exposed end (left end of 12; FIG. 1) of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end (32; FIG. 2);

b. a nut (44; FIG. 1) having a first end (48; FIG. 1) for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore

(46; FIG. 1) for threadedly engaging the threaded port;

c. a cylindrical body member (24; FIG. 1, 3) having a first end (right end of 24; FIG. 1) and a second end (left end of 24; FIG. 1), the first end of said cylindrical body member including a cylindrical sleeve (right portion of 24, FIG. 1) having an open rear end portion (38; FIG. 1), said open rear end portion having an outer wall of a first diameter (diameter "d"; FIG. 3) and an inner wall, (40; FIG. 1) the inner wall bounding a first central bore (36; FIG. 1) extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said open rear end portion for receiving the outer jacket of the coaxial cable, said open rear end portion being deformable;

d. a compression ring (28; FIG. 1, 4) having first (56; FIG. 4) and second opposing ends (58; FIG. 4) and having a central passageway (60; FIG. 4) extending therethrough between the first and second ends thereof, the first end of said compression ring having a first internal bore (62; FIG. 4) of a diameter commensurate with the first diameter of the outer wall of said open rear end portion of said cylindrical sleeve for allowing the first end of said compression ring to axially slidably engage the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall (66; FIG. 4) leading from the first internal bore and narrowing to a reduced diameter (64; FIG. 4) as compared with the first diameter;

e. said inwardly tapered annular wall causing said open rear end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member; and

f. wherein said cylindrical sleeve (right portion of 124; FIG. 9) of said cylindrical body member (124; FIG. 9) has a tapered section (145; FIG. 9) formed therein to facilitate bending of said cylindrical sleeve as said compression ring (128; FIG. 10) is axially advanced thereover.

Claim 12

A connector (10; FIG. 1) for coupling an end of a coaxial cable (12; FIG. 1) to a threaded port, the coaxial cable having a center conductor (14; FIG. 1) surrounded by an insulator core (20; FIG. 1), the insulator core being surrounded by an outer braid conductor (16; FIG. 1), and the outer braid conductor being surrounded by a protective sheathing jacket (22; FIG. 1), said connector comprising in combination:

a. a tubular post member (26; FIG. 1) having a first opening (30; FIG. 2) adapted to be inserted onto an exposed end (left end of 12; FIG. 1) of the coaxial cable around the insulator core thereof and under the outer braid conductor thereof, said tubular post member having an opposed second opening (32; FIG. 2);

b. a nut member (44; FIG. 1) having a first end (48; FIG. 1) for rotatably engaging the second opening of said tubular post member and having an opposing second end with an internally threaded bore (46; FIG. 1) for threadedly engaging the threaded port;

c. a connector body (24; FIG. 1) having a first end (right end of 24; FIG. 1) and a second end (left end of 24; FIG. 1), the first end of said connector body including a cylindrical sleeve (right portion of 24; FIG. 1) having an outer wall of a first diameter (diameter "d"; FIG. 3) and an inner wall (40; FIG. 1), the inner wall bounding a first outer cavity (36; FIG. 1) extending about said post member, the second end of said connector body engaging said post member proximate the second opening thereof, said cylindrical sleeve having an open end (38; FIG. 1) for receiving the sheathing jacket of the coaxial cable, said open end being deformable;

d. a fastener member (28; FIG. 4) having first and second opposing openings (56 and 58; FIG. 4) and having a second cavity (60; FIG. 4) extending therethrough between the first and second opposing openings thereof, the first opening of said fastener member having a first inner bore (62; FIG. 4) of a diameter commensurate with the first diameter of the outer wall of said connector body for allowing the first opening of said fastener member to axially slidably engage the first end of said connector body, the second cavity of said fastener member including a ramped surface (66; FIG. 4) leading from the first inner bore and narrowing to a reduced diameter (64; FIG. 4) as compared with the first diameter;

e. said ramped surface causing said open end of said cylindrical sleeve to be deformed inwardly toward said tubular post member and against the jacket of the coaxial cable as said fastener member is advanced axially over the connector body toward the second end of said connector body; and

f. wherein said cylindrical sleeve (right portion of 124; FIG. 9) of said connector body has a corrugated surface portion (146; FIG. 9) formed therein to facilitate movement of said cylindrical sleeve as said fastener member (128; FIG. 10) is axially advanced thereover.

Claim 13

A connector (10; FIG. 1) for coupling an end of a coaxial cable (12; FIG. 1) to a threaded port, the coaxial cable having a center conductor (14; FIG. 1) surrounded by a dielectric (20; FIG. 1, 2), the dielectric being surrounded by a conductive grounding sheath (16; FIG. 1), and the conductive grounding sheath being surrounded by a protective outer jacket (22; FIG. 1), said connector comprising in combination:

a. a tubular post (26; FIG. 1) having a first end (30; FIG. 2) adapted to be inserted into an exposed end (left end of 12; FIG. 1) of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end (32; FIG. 2);

b. a nut (44; FIG. 1) having a first end (48; FIG. 1) for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore (46; FIG. 1) for threadedly engaging the threaded port;

c. a cylindrical body member (24; FIG. 1, 3) having a first end (right end of 24; FIG. 1) and a second end (left end of 24; FIG. 1), the first end of said cylindrical body member including a cylindrical sleeve (right portion of 24, FIG. 1) having an open rear end portion (38; FIG. 1), said open rear end portion having an outer wall of a first diameter (diameter "d"; FIG. 3) and an inner wall, (40; FIG. 1) the inner wall bounding a first central bore (36; FIG. 1) extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said open rear end portion for receiving the outer jacket of the coaxial cable, said open rear end portion being deformed inwardly toward said tubular post and against the jacket of the coaxial cable when a compression ring (28; FIG. 1, 4) is advanced axially over the first end of said cylindrical body member;

d. the compression ring having first (56; FIG. 4) and second opposing ends (58; FIG. 4) and having a central passageway (60; FIG. 4) extending therethrough between the first and second ends thereof, the first end of said compression ring having a first internal bore (62; FIG. 4) of a diameter commensurate with the first diameter of the outer wall of said open rear end portion of said cylindrical sleeve for allowing the first end of said compression ring to extend over the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall (66; FIG. 4) leading from the first internal bore and narrowing to a reduced diameter (64; FIG. 4) as compared with the first diameter;

e. said inwardly tapered annular wall causing said open rear end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member; and

f. wherein a series of grooves (146; FIG. 9) are formed in the outer wall of said cylindrical sleeve (right portion of 124; FIG. 9) to reduce drag as the compression ring (128; FIG. 10) is axially advanced over said cylindrical sleeve.

Claim 14

A connector (10; FIG. 1) for coupling an end of a coaxial cable (12; FIG. 1) to a threaded port, the coaxial cable having a center conductor (14; FIG. 1) surrounded by an insulator core (20; FIG. 1, 2), the insulator core being surrounded by an outer braid conductor (16; FIG. 1), and the outer braid conductor being surrounded by a protective sheathing jacket (22; FIG. 1), said connector comprising in combination:

a. a tubular post member (26; FIG. 1) having a first opening (30; FIG. 2) adapted to be inserted onto an exposed end (left end of 12; FIG. 1) of the coaxial cable around the

insulator core thereof and under the outer braid conductor thereof, said tubular post member having an opposed second opening (32; FIG. 2);

b. a nut member (44; FIG. 1) having a first end (48; FIG. 1) for rotatably engaging the second opening of said tubular post member and having an opposing second end with an internally threaded bore (46; FIG. 1) for threadedly engaging the threaded port;

c. a connector body (24; FIG. 1) having a first end (right end of 24; FIG. 1) and a second end (left end of 24; FIG. 1), the first end of said connector body including a cylindrical sleeve (right portion of 24; FIG. 1) having an outer wall of a first predetermined diameter (diameter "d"; FIG. 3) and an inner wall (40; FIG. 1), the inner wall bounding a first outer cavity (36; FIG. 1) extending about said post member, the second end of said connector body engaging said post member proximate the second opening thereof, said cylindrical sleeve having an open end (38; FIG. 1) for receiving the sheathing jacket of the coaxial cable, said open end being deformable;

d. a fastener member (28; FIG. 4) having first and second opposing openings (56 and 58; FIG. 4) and having a second cavity (60; FIG. 4) extending therethrough between the first and second opposing openings thereof, the first opening of said fastener member having a first inner bore (62; FIG. 4) of a diameter commensurate with the first predetermined diameter of the outer wall of said connector body for allowing the first opening of said fastener member to extend over the first end of said connector body, the second cavity of said fastener member including a ramped surface (66; FIG. 4) leading from the first inner bore and narrowing to a reduced diameter (64; FIG. 4) as compared with the first predetermined diameter;

e. said ramped surface causing said open end of said cylindrical sleeve to be deformed inwardly toward said tubular post member and against the jacket of the coaxial cable as said fastener member is advanced axially over the connector body toward the second end of said connector body; and

f. wherein a corrugated surface portion (146; FIG. 9) is formed in the outer wall of said connector body (124; FIG. 9) to reduce driving force as the fastener member (128; FIG. 10) is axially advanced along said connector body.

Claim 15

A connector (10; FIG. 1) for coupling an end of a coaxial cable (12; FIG. 1) to a threaded port, the coaxial cable having a center conductor (14; FIG. 1) surrounded by a dielectric (20; FIG. 1, 2), the dielectric being surrounded by a conductive grounding sheath (16; FIG. 1), and the conductive grounding sheath being surrounded by a protective outer jacket (22; FIG. 1), said connector comprising in combination:

a. a tubular post (26; FIG. 1) having a first end (30; FIG. 2) adapted to be inserted into an exposed end (left end of 12; FIG. 1) of the coaxial cable around the dielectric thereof and

under the conductive grounding sheath thereof, said tubular post having an opposing second end (32; FIG. 2);

b. a nut (44; FIG. 1) having a first end (48; FIG. 1) for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore (46; FIG. 1) for threadedly engaging the threaded port;

c. a cylindrical body member (24; FIG. 1, 3) having a first end (right end of 24; FIG. 1) and a second end (left end of 24; FIG. 1), the first end of said cylindrical body member including a cylindrical sleeve (right portion of 24; FIG. 1) having an outer wall of a first diameter (diameter "d"; FIG. 3) and an inner wall (40; FIG. 1), the inner wall bounding a first central bore (36; FIG. 1) extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said cylindrical sleeve having an open rear end portion (38; FIG. 1) for receiving the outer jacket of the coaxial cable, said open rear end portion being deformable, wherein the axial length of the cylindrical sleeve is less than the axial length of the first end of said tubular post;

d. a compression ring (28; FIG. 1, 4) having first (56; FIG. 4) and second opposing ends (58; FIG. 4) and having a central passageway (60; FIG. 4) extending therethrough between the first and second ends thereof, the first end of said compression ring having at least a portion of a first internal bore (62; FIG. 4) of a diameter commensurate with the first diameter of the outer wall of said cylindrical sleeve for allowing the first end of said compression ring to axially slidably engage the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall (66; FIG. 4) leading from the first internal bore and narrowing to a reduced diameter (64; FIG. 4) as compared with the first diameter; and

e. said inwardly tapered annular wall causing said open rear end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member.

Claim 16

A connector (10; FIG. 1) for coupling an end of a coaxial cable (12; FIG. 1) to a threaded port, the coaxial cable having a center conductor (14; FIG. 1) surrounded by a dielectric (20; FIG. 1, 2), the dielectric being surrounded by a conductive grounding sheath (16; FIG. 1), and the conductive grounding sheath being surrounded by a protective outer jacket (22; FIG. 1), said connector comprising in combination:

a. a tubular post (26; FIG. 1) having a first end (30; FIG. 2) adapted to be inserted into an exposed end (left end of 12; FIG. 1) of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end (32; FIG. 2);

b. a nut (44; FIG. 1) having a first end (48; FIG. 1) for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore (46; FIG. 1) for threadedly engaging the threaded port;

c. a cylindrical body member (24; FIG. 1, 3) having a first end (right end of 24; FIG. 1) and a second end (left end of 24; FIG. 1), the first end of said cylindrical body member including a cylindrical sleeve (right portion of 24; FIG. 1) having an outer wall of a first diameter (diameter "d"; FIG. 3) and an inner wall (40; FIG. 1), the inner wall bounding a first central bore (36; FIG. 1) extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said cylindrical sleeve having an open rear end portion (38; FIG. 1) for receiving the outer jacket of the coaxial cable, said open rear end portion being deformable;

d. a compression ring (28; FIG. 1, 4) having first (56; FIG. 4) and second opposing ends (58; FIG. 4) and having a central passageway (60; FIG. 4) extending therethrough between the first and second ends thereof, the first end of said compression ring having at least a portion of a first internal bore (62; FIG. 4) of a diameter commensurate with the first diameter of the outer wall of said cylindrical sleeve for allowing the first end of said compression ring to axially slidably engage the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall (66; FIG. 4) leading from the first internal bore and narrowing to a reduced diameter (64; FIG. 4) as compared with the first diameter, wherein the first internal bore is without helical threads; and

e. said inwardly tapered annular wall causing said open rear end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member.

Claim 17

A connector (10; FIG. 1) for coupling an end of a coaxial cable (12; FIG. 1) to a threaded port, the coaxial cable having a center conductor (14; FIG. 1) surrounded by a dielectric (20; FIG. 1, 2), the dielectric being surrounded by a conductive grounding sheath (16; FIG. 1), and the conductive grounding sheath being surrounded by a protective outer jacket (22; FIG. 1), said connector comprising in combination:

a. a tubular post (26; FIG. 1) having a first end (30; FIG. 2) adapted to be inserted into an exposed end (left end of 12; FIG. 1) of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end (32; FIG. 2);

b. a nut (44; FIG. 1) having a first end (48; FIG. 1) for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore (46; FIG. 1) for threadedly engaging the threaded port;

c. a cylindrical body member (24; FIG. 1, 3) having a first end (right end of 24; FIG. 1) and a second end (left end of 24; FIG. 1), the first end of said cylindrical body member including a cylindrical sleeve (right portion of 24; FIG. 1) having an outer wall of a first diameter (diameter "d"; FIG. 3) and an inner wall (40; FIG. 1), the inner wall bounding a first central bore (36; FIG. 1) extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said cylindrical sleeve having an open rear end portion (38; FIG. 1) for receiving the outer jacket of the coaxial cable, said open rear end portion being deformable;

d. a compression ring (28; FIG. 1, 4) having first (56; FIG. 4) and second opposing ends (58; FIG. 4) and having a central passageway (60; FIG. 4) extending therethrough between the first and second ends thereof, the first end of said compression ring having at least a portion of a first internal bore (62; FIG. 4) of a diameter commensurate with the first diameter of the outer wall of said cylindrical sleeve for allowing the first end of said compression ring to axially slidably engage the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall (66; FIG. 4) leading from the first internal bore and narrowing to a reduced diameter (64; FIG. 4) as compared with the first diameter, wherein the first internal bore is a substantially smooth bore; and

e. said inwardly tapered annular wall causing said open rear end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member.

Claim 18

A connector (10; FIG. 1) for coupling an end of a coaxial cable (12; FIG. 1) to a threaded port, the coaxial cable having a center conductor (14; FIG. 1) surrounded by a dielectric (20; FIG. 1, 2), the dielectric being surrounded by a conductive grounding sheath (16; FIG. 1), and the conductive grounding sheath being surrounded by a protective outer jacket (22; FIG. 1), said connector comprising in combination:

a. a tubular post (26; FIG. 1) having a first end (30; FIG. 2) adapted to be inserted into an exposed end (left end of 12; FIG. 1) of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end (32; FIG. 2);

b. a nut (44; FIG. 1) having a first end (48; FIG. 1) for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore (46; FIG. 1) for threadedly engaging the threaded port;

c. a cylindrical body member (24; FIG. 1, 3) having a first end (right end of 24; FIG. 1) and a second end (left end of 24; FIG. 1), the first end of said cylindrical body member including a cylindrical sleeve (right portion of 24; FIG. 1) having an outer wall of a first

diameter (diameter "d"; FIG. 3) and an inner wall (40; FIG. 1), the inner wall bounding a first central bore (36; FIG. 1) extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said cylindrical sleeve having an open rear end portion (38; FIG. 1) for receiving the outer jacket of the coaxial cable, said open rear end portion being deformable;

d. a compression ring (28; FIG. 1, 4) having first (56; FIG. 4) and second opposing ends (58; FIG. 4) and having a central passageway (60; FIG. 4) extending therethrough between the first and second ends thereof, the first end of said compression ring having at least a portion of a first internal bore (62; FIG. 4) of a diameter commensurate with the first diameter of the outer wall of said cylindrical sleeve for allowing the first end of said compression ring to axially slidably engage the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall (66; FIG. 4) leading from the first internal bore and narrowing to a reduced diameter (64; FIG. 4) as compared with the first diameter, wherein the axial length of the central passageway of the compression ring is approximately equal to or less than the axial length of the first end of said tubular post; and

e. said inwardly tapered annular wall causing said open rear end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member.

Claim 19

A connector (10; FIG. 1) for coupling an end of a coaxial cable (12; FIG. 1) to a threaded port, the coaxial cable having a center conductor (14; FIG. 1) surrounded by a dielectric (20; FIG. 1, 2), the dielectric being surrounded by a conductive grounding sheath (16; FIG. 1), and the conductive grounding sheath being surrounded by a protective outer jacket (22; FIG. 1), said connector comprising in combination:

a. a tubular post (26; FIG. 1) having a first end (30; FIG. 2) adapted to be inserted into an exposed end (left end of 12; FIG. 1) of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end (32; FIG. 2);

b. a nut (44; FIG. 1) having a first end (48; FIG. 1) for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore (46; FIG. 1) for threadedly engaging the threaded port;

c. a cylindrical body member (24; FIG. 1, 3) having a first end (right end of 24; FIG. 1) and a second end (left end of 24; FIG. 1), the first end of said cylindrical body member including a cylindrical sleeve (right portion of 24; FIG. 1) having an outer wall of a first diameter (diameter "d"; FIG. 3) and an inner wall (40; FIG. 1), the inner wall bounding a first central bore (36; FIG. 1) extending about said tubular post, the second end of said

cylindrical body member engaging said tubular post proximate the second end thereof, said cylindrical sleeve having an open rear end portion (38; FIG. 1) for receiving the outer jacket of the coaxial cable, said open rear end portion being deformable;

d. a compression ring (28; FIG. 1, 4) having first (56; FIG. 4) and second opposing ends (58; FIG. 4) and having a central passageway (60; FIG. 4) extending therethrough between the first and second ends thereof, the first end of said compression ring having at least a portion of a first internal bore (62; FIG. 4) of a diameter commensurate with the first diameter of the outer wall of said cylindrical sleeve for allowing the first end of said compression ring to axially slidably engage the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall (66; FIG. 4) leading from the first internal bore and narrowing to a reduced diameter (64; FIG. 4) as compared with the first diameter, wherein the axial length of the first internal bore is less than the axial length of the first end of said tubular post; and

e. said inwardly tapered annular wall causing said open rear end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member.

Claim 20

A connector (10; FIG. 1) for coupling an end of a coaxial cable (12; FIG. 1) to a threaded port, the coaxial cable having a center conductor (14; FIG. 1) surrounded by a dielectric (20; FIG. 1, 2), the dielectric being surrounded by a conductive grounding sheath (16; FIG. 1), and the conductive grounding sheath being surrounded by a protective outer jacket (22; FIG. 1), said connector comprising in combination:

a. a tubular post (26; FIG. 1) having a first end (30; FIG. 2) adapted to be inserted into an exposed end (left end of 12; FIG. 1) of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end (32; FIG. 2);

b. a nut (44; FIG. 1) having a first end (48; FIG. 1) for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore (46; FIG. 1) for threadedly engaging the threaded port;

c. a cylindrical body member (24; FIG. 1, 3) having a first end (right end of 24; FIG. 1) and a second end (left end of 24; FIG. 1), the first end of said cylindrical body member including a cylindrical sleeve (right portion of 24; FIG. 1) having an outer wall of a first diameter (diameter "d"; FIG. 3) and an inner wall (40; FIG. 1), the inner wall bounding a first central bore (36; FIG. 1) extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said cylindrical sleeve having an open rear end portion (38; FIG. 1) for receiving the outer jacket of the coaxial cable, said open rear end portion being deformable, wherein

the axial length of the first internal bore is less than the axial length of the deformable rear end portion of the cylindrical sleeve;

d. a compression ring (28; FIG. 1, 4) having first (56; FIG. 4) and second opposing ends (58; FIG. 4) and having a central passageway (60; FIG. 4) extending therethrough between the first and second ends thereof, the first end of said compression ring having at least a portion of a first internal bore (62; FIG. 4) of a diameter commensurate with the first diameter of the outer wall of said cylindrical sleeve for allowing the first end of said compression ring to axially slidably engage the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall (66; FIG. 4) leading from the first internal bore and narrowing to a reduced diameter (64; FIG. 4) as compared with the first diameter; and

e. said inwardly tapered annular wall causing said open rear end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member.

Claim 21

A connector (10; FIG. 1) for coupling an end of a coaxial cable (12; FIG. 1) to a threaded port, the coaxial cable having a center conductor (14; FIG. 1) surrounded by a dielectric (20; FIG. 1, 2), the dielectric being surrounded by a conductive grounding sheath (16; FIG. 1), and the conductive grounding sheath being surrounded by a protective outer jacket (22; FIG. 1), said connector comprising:

a. a tubular post (26; FIG. 1) having a first end (30; FIG. 2) adapted to be inserted into an exposed end (left end of 12; FIG. 1) of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end (32; FIG. 2);

b. a nut (44; FIG. 1) having a first end (48; FIG. 1) for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore (46; FIG. 1) for threadedly engaging the threaded port;

c. a cylindrical body member (24; FIG. 1, 3) having a first end (right end of 24; FIG. 1) and a second end (left end of 24; FIG. 1), the first end of said cylindrical body member including a cylindrical sleeve (right portion of 24; FIG. 1) having an outer wall of a first diameter (diameter "d"; FIG. 3) and an inner wall (40; FIG. 1), the inner wall bounding a first central bore (36; FIG. 1) extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said cylindrical sleeve having an open rear end portion (38; FIG. 1) for receiving the outer jacket of the coaxial cable, said open rear end portion being deformable;

d. a compression ring (28; FIG. 1, 4) having first (56; FIG. 4) and second opposing ends

(58; FIG. 4) and having a central passageway (60; FIG. 4) extending therethrough between the first and second ends thereof, the first end of said compression ring having a first non-tapered internal bore (62; FIG. 4) of a diameter commensurate with the first diameter of the outer wall of said cylindrical sleeve for allowing the first end of said compression ring to extend over the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall (66; FIG. 4) leading from the first internal bore and narrowing to a reduced diameter (64; FIG. 4) as compared with the first diameter; and

e. said inwardly tapered annular wall causing said first end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member.

Claim 22

A connector (10; FIG. 1) for coupling an end of a coaxial cable (12; FIG. 1) to a threaded port, the coaxial cable having a center conductor (14; FIG. 1) surrounded by a dielectric (20; FIG. 1, 2), the dielectric being surrounded by a conductive grounding sheath (16; FIG. 1), and the conductive grounding sheath being surrounded by a protective outer jacket (22; FIG. 1), said connector comprising:

a. a tubular post (26; FIG. 1) having a first end (30; FIG. 2) adapted to be inserted into an exposed end (left end of 12; FIG. 1) of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end (32; FIG. 2);

b. a nut (44; FIG. 1) having a first end (48; FIG. 1) for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore (46; FIG. 1) for threadedly engaging the threaded port;

c. a cylindrical body member (24; FIG. 1, 3) having a first end (right end of 24; FIG. 1) and a second end (left end of 24; FIG. 1), the first end of said cylindrical body member including a cylindrical sleeve (right portion of 24; FIG. 1) having an outer wall of a first diameter (diameter "d"; FIG. 3) and an inner wall (40; FIG. 1), the inner wall bounding a first central bore (36; FIG. 1) extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said cylindrical sleeve having an open rear end portion (38; FIG. 1) for receiving the outer jacket of the coaxial cable, said open rear end portion being deformable;

d. a compression ring (28; FIG. 1, 4) having first (56; FIG. 4) and second opposing ends (58; FIG. 4) and having a central passageway (60; FIG. 4) extending therethrough between the first and second ends thereof, the first end of said compression ring having a first constant diameter internal bore (62; FIG. 4) of a diameter commensurate with the first diameter of the outer wall of said cylindrical sleeve for allowing the first end of said

compression ring to extend over the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall (66; FIG. 4) leading from the first internal bore and narrowing to a reduced diameter (64; FIG. 4) as compared with the first diameter; and

e. said inwardly tapered annular wall causing said first end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member.

APPendix D

Appendix D: Cross Reference Table Relating Component Name in Claims, Component Name in Specification, Location in Specifications, and Reference Numeral in Drawings of 09/621,975 Patent Application

Appendix C shows the reference numerals in the Figures of the 09/621,975 Patent Application that relate to each structural term in the claims of the 09/621,975 Patent Application corresponding to the counts. The following Table shows locations in the specification of 09/621,975 Patent Application where said structural term in the claims of the 09/621,975 Patent Application corresponding to the counts may be found. Thus, the following Table complements Appendix B in showing where in the drawings and the specification of the 09/621,975 Patent Application the structural term in the claims of the 09/621,975 Patent Application corresponding to the counts may be found.

Component Name in Claims	Component Name in Specification	Page, Line in Specs.	Ref. Numeral in Drawings	FIGURE Number
connector; connector	connector; connector	8, 7; 11,25	10; 110	1, 5; 7
coaxial cable	cable	8, 9	12	1
center conductor	center conductor	8, 8	14	1
dielectric; insulator core	insulator core; insulator core	8, 10; 8, 10	20; 20	1, 2; 1, 2
conductive grounding sheath; braid conductor	braid conductor; braid conductor	8, 11; 8, 11	16; 16	1; 1
outer jacket	sheathing jacket/ dielectric covering	8, 22	22	1
tubular post; post member	post member; post member	8, 24; 8, 24	26; 26	1; 1
first end of tubular post; first opening of tubular post	first opening of tubular post; first opening of tubular post	8, 24; 8, 24	30; 30	2; 2
exposed end of coaxial cable	---	---	left end of 12	
second end of tubular post; second opening of tubular post	second opening of tubular post; second opening of tubular post	8, 24; 8, 24	32; 32	2; 2

Component Name in Claims	Component Name in Specification	Page, Line in Specs.	Ref. Numeral in Drawings	FIGURE Number
nut	nut member	9, 14	44	1
first end of nut	shoulder of nut	9, 15	48	1
second end with internally threaded bore (of nut)	threaded part of nut	9, 15	46	1
cylindrical body member; cylindrical body member; connector body	connector body; connector body; connector body	8, 22; 11, 25; 8, 22	24; 124; 24	1, 3, 5; 9; 9
first end of cylindrical body member	---	---	right end of 24	1
second end of cylindrical body member; second end of cylindrical body member;	--- ---	--- ---	left end of 24; left end of 124	1; 9
cylindrical sleeve; cylindrical sleeve	--- ---	--- --- ---	right portion of 24; right portion of 124	1; 9
outer wall of cylindrical sleeve of first diameter;	---	---	diameter "d";	3
inner wall of cylindrical sleeve	annular serrations	9, 14	40	1
first central bore; first outer cavity	first outer cavity; first outer cavity	8, 26; 8, 26	36; 36	1; 1
open rear end portion of cylindrical sleeve; open end of cylindrical sleeve;	opening; opening	8, 26; 8, 26	38; 38	1; 1
compression ring; compression ring; fastener member; fastener member	fastener member; fastener member; fastener member; fastener member	9, 19; 11, 25; 9, 19; 11, 25	28; 128; 28; 128	1, 4; 10; 1, 4; 10
first end of compression ring (1st end); first opening	first opening; first opening	9, 21; 9, 21	56; 56	4; 4

Component Name in Claims	Component Name in Specification	Page, Line in Specs.	Ref. Numeral in Drawings	FIGURE Number
second end of compression ring (2nd end); second opening	second opening; second opening	9, 21; 9, 21	58; 58	4; 4
central passageway between 1st and 2nd end of compression ring; second cavity	second cavity; second cavity	9, 22; 9, 22	60; 60	4; 4
first internal bore of compression ring; first inner bore of compression ring;	first inner bore; first inner bore	9, 22; 9, 22	62; 62	4; 4
inwardly tapered annular wall; ramped surface	ramped surface; ramped surface	9, 24; 9, 24	66; 66	4; 4
reduced diameter of compression ring	second bore	9, 23	64	4
releasable connection	---	12, 14-15	connection between detente 148 of FIG. 9 and groove 150 of FIG. 10	9-10
circular relief; series of grooves; corrugated surface portion	corrugated surface portion; corrugated surface portion	12, 11-12; 12, 11-12	146; 146	9; 9
tapered section of cylindrical body member	connecter body wall taper	12, 9	145	9

Appendix E: Reference Numerals in Drawings For Claim Terms of Burris 5,997,350 Patent

This Appendix includes claims of the Burris 5,997,350 Patent that correspond to the count, and reference numerals associated with structural elements in said claims of the Burris 5,997,350 Patent that correspond to the count. The reference numeral for a structural element is indicated below only for the first appearance of the structural element in the claim.

Patent Claim 1

A connector (20; FIG. 2) for coupling the end of a coaxial cable (22; FIG. 2) to a threaded port, the coaxial cable having a center (24; FIG. 2) conductor surrounded by a dielectric (26; FIG. 2), the dielectric being surrounded by a conductive grounding sheath (28; FIG. 2), and the conductive grounding sheath being surrounded by a protective outer jacket (30; FIG. 2), said connector comprising in combination:

a. a tubular post (32; FIG. 2) having a first end (34; FIG. 2) adapted to be inserted into an exposed end of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end (36; FIG. 2);

b. a nut (38; FIG. 2) having a first end (40; FIG. 2) for rotatably engaging the second end of said tubular post and having an opposing second end (42; FIG. 2) with an internally threaded bore (44; FIG. 2) for threadedly engaging a threaded port;

c. a cylindrical body member (46; FIG. 1) having a first end (48; FIG. 1) and a second end (50; FIG. 1), the first end of said cylindrical body member including a cylindrical sleeve (52; FIG. 1) having an outer wall (54; FIG. 1) of a first predetermined diameter and an inner wall (56; FIG. 1), the inner wall bounding a first central bore (58; FIG. 1) extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said cylindrical sleeve having an open rear end portion (60; FIG. 1) for receiving the outer jacket of the coaxial cable, said open rear end portion being deformable; and

d. a compression ring (64; FIG. 1) having first and second opposing ends (66, 68; FIG. 1) and having a central passageway extending therethrough between the first and second ends thereof, the first end of said compression ring having a first internal bore (72; FIG. 1) of a diameter commensurate with the first predetermined diameter of the outer wall of said cylindrical sleeve for allowing the first end of said compression ring to extend over the first end of said cylindrical body member, the central passageway (70; FIG. 1) of said compression ring including an inwardly tapered annular wall (74; FIG. 1) leading from the first internal bore and narrowing to a reduced diameter as compared with the first predetermined diameter;

e. said inwardly tapered annular wall causing said rear end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body

member toward the second end of said cylindrical body member.

Patent Claim 3

The connector (20; FIG. 1) recited by claim 1 wherein said compression ring (64; FIG. 1) is mounted over the first end (48; FIG. 1) of said cylindrical body (46; FIG. 1), but is not fully axially advanced, prior to installation over the end of a coaxial cable (22; FIG. 1).

Patent Claim 4

The connector (100; FIG. 5) recited by claim 1 wherein said compression ring (64; FIG. 5) is initially integral with the sleeve (52; FIG. 5) of said cylindrical body member (46; FIG. 5) and connected thereto by a frangible connection (102; FIG. 5), and wherein axial advancement of said compression ring toward the second end (50; FIG. 5) of said cylindrical body member breaks the frangible connection between said compression ring and said cylindrical body member.

Patent Claim 5

The connector (20; FIG. 2) recited by claim 1 wherein said cylindrical body member (46; FIG. 2) includes an enlarged diameter shoulder (88; FIG. 2) generally between the first and second ends (48, 50; FIG. 2) thereof, said enlarged diameter shoulder (88; FIG. 2) having a diameter larger than the first predetermined diameter of the outer wall (54; FIG. 1) of said cylindrical sleeve (52; FIG. 1), the first end (66; FIG. 1) of said compression ring (64; FIG. 1) engaging, and being stopped by, said enlarged diameter shoulder when said compression ring has been fully axially advanced over said cylindrical sleeve.

Patent Claim 6

A connector (20; FIG. 2) for coupling the and of a coaxial cable (22; FIG. 2) to a threaded port, the coaxial cable having a center conductor (24; FIG. 2) surrounded by a dielectric, (26; FIG. 2) the dielectric being surrounded by a conductive grounding sheath (28; FIG. 2), and the conductive grounding sheath being surrounded by a protective outer jacket (30; FIG. 2), said connector comprising in combination:

a. a tubular post (32; FIG. 2) having a first end (34; FIG. 2) adapted to be inserted into an exposed end of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end (36; FIG. 2);

b. a nut (38; FIG. 2) having a first end (40; FIG. 2) for rotatably engaging the second end of said tubular post and having an opposing second end (42; FIG. 2) with an internally threaded bore 44; FIG. 2) for threadedly engaging a threaded port;

c. a cylindrical body (46; FIG. 1) member having a first end (48; FIG. 1) and a second end (50; FIG. 1), the first end of said cylindrical body member including a cylindrical sleeve (52; FIG. 1) having an outer wall (54; FIG. 1) of a first predetermined diameter and an inner wall (56; FIG. 1), the inner wall bounding a first central bore (58; FIG. 1)

extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said cylindrical sleeve having an open rear end portion (60; FIG. 1) for receiving the outer jacket of the coaxial cable, said open rear end portion being deformable; and

d. a compression ring (64; FIG. 1) having first and second opposing ends (66, 68; FIG. 1) and having a central passageway (70; FIG. 1) extending therethrough between the first and second ends thereof, the first end of said compression ring having a first internal bore (72; FIG. 1) of a diameter commensurate with the first predetermined diameter of the outer wall of said cylindrical sleeve for allowing the first end of said compression ring to extend over the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall (74; FIG. 1) leading from the first internal bore and narrowing to a reduced diameter as compared with the first predetermined diameter;

e. said inwardly tapered annular wall causing said rear end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member; and

f. wherein said cylindrical sleeve of said cylindrical body member has a circular relief formed therein to facilitate bending of said cylindrical sleeve as said compression ring is axially advanced thereover.

Patent Claim 7

A connector (20; FIG. 2) for coupling the end of a coaxial cable (22; FIG. 2) to a threaded port, the coaxial cable having a center conductor (24; FIG. 2) surrounded by a dielectric (26; FIG. 2), the dielectric being surrounded by a conductive grounding sheath (28; FIG. 2), and the conductive grounding sheath being surrounded by a protective outer jacket (30; FIG. 2), said connector comprising in combination:

a. a tubular post (32; FIG. 2) having a first end (34; FIG. 2) adapted to be inserted into an exposed end of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end (36; FIG. 2);

b. a nut (38; FIG. 2) having a first end (40; FIG. 2) for rotatably engaging the second end of said tubular post and having an opposing second end (42; FIG. 2) with an internally threaded bore (44; FIG. 2) for threadedly engaging a threaded port;

c. a cylindrical body member (46; FIG. 1) having a first end (48; FIG. 1) and a second end (50; FIG. 1), the first end of said cylindrical body member including a cylindrical sleeve (52; FIG. 1) having an outer wall (54; FIG. 1) of a first predetermined diameter and an inner wall (56; FIG. 1), the inner wall bounding a first central bore (58; FIG. 1) extending about said tubular post, the second end of said cylindrical body member

engaging said tubular post proximate the second end thereof, said cylindrical sleeve having an open rear end portion (60; FIG. 1) for receiving the outer jacket of the coaxial cable, said open rear end portion being deformable; and

d. a compression ring (64; FIG. 1) having first and second opposing ends (66, 68; FIG. 1) and having a central passageway (70; FIG. 1) extending therethrough between the first and second ends thereof, the first end of said compression ring having a first internal bore (72; FIG. 1) of a diameter commensurate with the first predetermined diameter of the outer wall of said cylindrical sleeve for allowing the first end of said compression ring to extend over the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall (74; FIG. 1) leading from the first internal bore and narrowing to a reduced diameter as compared with the first predetermined diameter;

e. said inwardly tapered annular wall causing said rear end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member; and

f. wherein a series of grooves are formed in the outer wall of said cylindrical sleeve to reduce drag as the compression ring is axially advanced over said cylindrical sleeve.

Appendix
F

Appendix F. Claim Chart Comparisons Relating To Counts 1-6

Table 1-1. Claim Chart For Count 1: Application Claim 2 vs. Patent Claim 1	
Burris 5,997,350 Patent Patent Component of Count 1 (Patent Claim 1 - PC1)	**Montena 09/621,975 Patent Application Application Component of Count 1 (Application Claim 2 as Marked-Up PC1) [] deletion relative to PC1 __ insertion relative to PC1**
A connector for coupling the end of a coaxial cable to a threaded port, the coaxial cable having a center conductor surrounded by a dielectric, the dielectric being surrounded by a conductive grounding sheath, and the conductive grounding sheath being surrounded by a protective outer jacket, said connector comprising in combination:	A connector for coupling [the] an end of a coaxial cable to a threaded port, the coaxial cable having a center conductor surrounded by a dielectric, the dielectric being surrounded by a conductive grounding sheath, and the conductive grounding sheath being surrounded by a protective outer jacket, said connector comprising [in combination]:
a. a tubular post having a first end adapted to be inserted into an exposed end of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end;	a. a tubular post having a first end adapted to be inserted into an exposed end of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end;
b. a nut having a first end for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore for threadedly engaging a threaded port;	b. a nut having a first end for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore for threadedly engaging [a] the threaded port;
c. a cylindrical body member having a first end and a second end, the first end of said cylindrical body member including a cylindrical sleeve having an outer wall of a first predetermined diameter and an inner wall, the inner wall bounding a first central bore extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said cylindrical sleeve having an open rear end portion for receiving the outer jacket of the coaxial cable, said open rear end portion being deformable; and	c. a cylindrical body member having a first end and a second end, the first end of said cylindrical body member including a cylindrical sleeve having an outer wall of a first [predetermined] diameter and an inner wall, the inner wall bounding a first central bore extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said cylindrical sleeve having an open rear end portion for receiving the outer jacket of the coaxial cable, said open rear end portion being deformable; [and]

Table 1-1. Claim Chart For Count 1: Application Claim 2 vs. Patent Claim 1	
Burris 5,997,350 Patent Patent Component of Count 1 (Patent Claim 1 - PC1)	**Montena 09/621,975 Patent Application Application Component of Count 1 (Application Claim 2 as Marked-Up PC1) [] deletion relative to PC1 __ insertion relative to PC1**
d. a compression ring having first and second opposing ends and having a central passageway extending therethrough between the first and second ends thereof, the first end of said compression ring having a first internal bore of a diameter commensurate with the first predetermined diameter of the outer wall of said cylindrical sleeve for allowing the first end of said compression ring to extend over the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall leading from the first internal bore and narrowing to a reduced diameter as compared with the first predetermined diameter;	d. a compression ring having first and second opposing ends and having a central passageway extending therethrough between the first and second ends thereof, the first end of said compression ring having <u>at least a portion of</u> a first internal bore of a diameter commensurate with the first [predetermined] diameter of the outer wall of said cylindrical sleeve for allowing the first end of said compression ring to [extend over] <u>axially slidably engage</u> the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall leading from the first internal bore and narrowing to a reduced diameter as compared with the first [predetermined] diameter; <u>and</u>
e. said inwardly tapered annular wall causing said rear end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member.	e. said inwardly tapered annular wall causing said <u>open</u> rear end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member.

Table 1-2. Claim Chart For Count 1: Application Claim 15 vs. Application Claim 2	
Montena 09/621,975 Patent Application Application Component of Count 1 (Application Claim 2 - AC2)	**Montena 09/621,975 Patent Application** **(Application Claim 15 as Marked-Up AC2)** **[] deletion relative to AC2** **__ insertion relative to AC2**
A connector for coupling an end of a coaxial cable to a threaded port, the coaxial cable having a center conductor surrounded by a dielectric, the dielectric being surrounded by a conductive grounding sheath, and the conductive grounding sheath being surrounded by a protective outer jacket, said connector comprising:	A connector for coupling an end of a coaxial cable to a threaded port, the coaxial cable having a center conductor surrounded by a dielectric, the dielectric being surrounded by a conductive grounding sheath, and the conductive grounding sheath being surrounded by a protective outer jacket, said connector comprising <u>in combination</u>:
a. a tubular post having a first end adapted to be inserted into an exposed end of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end;	a. a tubular post having a first end adapted to be inserted into an exposed end of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end;
b. a nut having a first end for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore for threadedly engaging the threaded port;	b. a nut having a first end for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore for threadedly engaging the threaded port;

Table 1-2. Claim Chart For Count 1: Application Claim 15 vs. Application Claim 2	
Montena 09/621,975 Patent Application Application Component of Count 1 (Application Claim 2 - AC2)	**Montena 09/621,975 Patent Application (Application Claim 15 as Marked-Up AC2) [] deletion relative to AC2 __ insertion relative to AC2**
c. a cylindrical body member having a first end and a second end, the first end of said cylindrical body member including a cylindrical sleeve having an outer wall of a first diameter and an inner wall, the inner wall bounding a first central bore extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said cylindrical sleeve having an open rear end portion for receiving the outer jacket of the coaxial cable, said open rear end portion being deformable;	c. a cylindrical body member having a first end and a second end, the first end of said cylindrical body member including a cylindrical sleeve having an outer wall of a first diameter and an inner wall, the inner wall bounding a first central bore extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said cylindrical sleeve having an open rear end portion for receiving the outer jacket of the coaxial cable, said open rear end portion being deformable, <u>wherein the axial length of the cylindrical sleeve is less than the axial length of the first end of said tubular post</u>;
d. a compression ring having first and second opposing ends and having a central passageway extending therethrough between the first and second ends thereof, the first end of said compression ring having at least a portion of a first internal bore of a diameter commensurate with the first diameter of the outer wall of said cylindrical sleeve for allowing the first end of said compression ring to axially slidably engage the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall leading from the first internal bore and narrowing to a reduced diameter as compared with the first diameter; and	d. a compression ring having first and second opposing ends and having a central passageway extending therethrough between the first and second ends thereof, the first end of said compression ring having [at least a portion of] a first internal bore of a diameter commensurate with the first diameter of the outer wall of said cylindrical sleeve for allowing the first end of said compression ring to axially slidably engage the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall leading from the first internal bore and narrowing to a reduced diameter as compared with the first diameter; and

Table 1-2. Claim Chart For Count 1: Application Claim 15 vs. Application Claim 2	
Montena 09/621,975 Patent Application Application Component of Count 1 (Application Claim 2 - AC2)	**Montena 09/621,975 Patent Application (Application Claim 15 as Marked-Up AC2) [] deletion relative to AC2 __ insertion relative to AC2**
e. said inwardly tapered annular wall causing said open rear end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member.	e. said inwardly tapered annular wall causing said open rear end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member.

Table 1-3. Claim Chart For Count 1: Application Claim 16 vs. Application Claim 2	
Montena 09/621,975 Patent Application Application Component of Count 1 (Application Claim 2 - AC2)	**Montena 09/621,975 Patent Application** **(Application Claim 16 as Marked-Up AC2)** **[] deletion relative to AC2** **__ insertion relative to AC2**
A connector for coupling an end of a coaxial cable to a threaded port, the coaxial cable having a center conductor surrounded by a dielectric, the dielectric being surrounded by a conductive grounding sheath, and the conductive grounding sheath being surrounded by a protective outer jacket, said connector comprising:	A connector for coupling an end of a coaxial cable to a threaded port, the coaxial cable having a center conductor surrounded by a dielectric, the dielectric being surrounded by a conductive grounding sheath, and the conductive grounding sheath being surrounded by a protective outer jacket, said connector comprising in combination:
a. a tubular post having a first end adapted to be inserted into an exposed end of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end;	a. a tubular post having a first end adapted to be inserted into an exposed end of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end;
b. a nut having a first end for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore for threadedly engaging the threaded port;	b. a nut having a first end for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore for threadedly engaging the threaded port;
c. a cylindrical body member having a first end and a second end, the first end of said cylindrical body member including a cylindrical sleeve having an outer wall of a first diameter and an inner wall, the inner wall bounding a first central bore extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said cylindrical sleeve having an open rear end portion for receiving the outer jacket of the coaxial cable, said open rear end portion being deformable;	c. a cylindrical body member having a first end and a second end, the first end of said cylindrical body member including a cylindrical sleeve having an outer wall of a first diameter and an inner wall, the inner wall bounding a first central bore extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said cylindrical sleeve having an open rear end portion for receiving the outer jacket of the coaxial cable, said open rear end portion being deformable;

Table 1-3. Claim Chart For Count 1: Application Claim 16 vs. Application Claim 2	
Montena 09/621,975 Patent Application Application Component of Count 1 (Application Claim 2 - AC2)	**Montena 09/621,975 Patent Application** **(Application Claim 16 as Marked-Up AC2)** **[] deletion relative to AC2** **__ insertion relative to AC2**
d. a compression ring having first and second opposing ends and having a central passageway extending therethrough between the first and second ends thereof, the first end of said compression ring having at least a portion of a first internal bore of a diameter commensurate with the first diameter of the outer wall of said cylindrical sleeve for allowing the first end of said compression ring to axially slidably engage the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall leading from the first internal bore and narrowing to a reduced diameter as compared with the first diameter; and	d. a compression ring having first and second opposing ends and having a central passageway extending therethrough between the first and second ends thereof, the first end of said compression ring having [at least a portion of] a first internal bore of a diameter commensurate with the first diameter of the outer wall of said cylindrical sleeve for allowing the first end of said compression ring to axially slidably engage the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall leading from the first internal bore and narrowing to a reduced diameter as compared with the first diameter, wherein the first internal bore is without helical threads; and
e. said inwardly tapered annular wall causing said open rear end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member.	e. said inwardly tapered annular wall causing said open rear end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member.

Table 1-4. Claim Chart For Count 1: Application Claim 17 vs. Application Claim 2	
Montena 09/621,975 Patent Application Application Component of Count 1 (Application Claim 2 - AC2)	**Montena 09/621,975 Patent Application (Application Claim 17 as Marked-Up AC2) [] deletion relative to AC2 __ insertion relative to AC2**
A connector for coupling an end of a coaxial cable to a threaded port, the coaxial cable having a center conductor surrounded by a dielectric, the dielectric being surrounded by a conductive grounding sheath, and the conductive grounding sheath being surrounded by a protective outer jacket, said connector comprising:	A connector for coupling an end of a coaxial cable to a threaded port, the coaxial cable having a center conductor surrounded by a dielectric, the dielectric being surrounded by a conductive grounding sheath, and the conductive grounding sheath being surrounded by a protective outer jacket, said connector comprising in combination:
a. a tubular post having a first end adapted to be inserted into an exposed end of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end;	a. a tubular post having a first end adapted to be inserted into an exposed end of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end;
b. a nut having a first end for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore for threadedly engaging the threaded port;	b. a nut having a first end for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore for threadedly engaging the threaded port;
c. a cylindrical body member having a first end and a second end, the first end of said cylindrical body member including a cylindrical sleeve having an outer wall of a first diameter and an inner wall, the inner wall bounding a first central bore extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said cylindrical sleeve having an open rear end portion for receiving the outer jacket of the coaxial cable, said open rear end portion being deformable;	c. a cylindrical body member having a first end and a second end, the first end of said cylindrical body member including a cylindrical sleeve having an outer wall of a first diameter and an inner wall, the inner wall bounding a first central bore extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said cylindrical sleeve having an open rear end portion for receiving the outer jacket of the coaxial cable, said open rear end portion being deformable;

Table 1-4. Claim Chart For Count 1: Application Claim 17 vs. Application Claim 2	
Montena 09/621,975 Patent Application Application Component of Count 1 (Application Claim 2 - AC2)	**Montena 09/621,975 Patent Application (Application Claim 17 as Marked-Up AC2) [] deletion relative to AC2 __ insertion relative to AC2**
d. a compression ring having first and second opposing ends and having a central passageway extending therethrough between the first and second ends thereof, the first end of said compression ring having at least a portion of a first internal bore of a diameter commensurate with the first diameter of the outer wall of said cylindrical sleeve for allowing the first end of said compression ring to axially slidably engage the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall leading from the first internal bore and narrowing to a reduced diameter as compared with the first diameter; and	d. a compression ring having first and second opposing ends and having a central passageway extending therethrough between the first and second ends thereof, the first end of said compression ring having [at least a portion of] a first internal bore of a diameter commensurate with the first diameter of the outer wall of said cylindrical sleeve for allowing the first end of said compression ring to axially slidably engage the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall leading from the first internal bore and narrowing to a reduced diameter as compared with the first diameter, wherein the first internal bore is a substantially smooth bore; and
e. said inwardly tapered annular wall causing said open rear end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member.	e. said inwardly tapered annular wall causing said open rear end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member.

Table 1-5. Claim Chart For Count 1: Application Claim 18 vs. Application Claim 2	
Montena 09/621,975 Patent Application Application Component of Count 1 (Application Claim 2 - AC2)	**Montena 09/621,975 Patent Application (Application Claim 18 as Marked-Up AC2) [] deletion relative to AC2 __ insertion relative to AC2**
A connector for coupling an end of a coaxial cable to a threaded port, the coaxial cable having a center conductor surrounded by a dielectric, the dielectric being surrounded by a conductive grounding sheath, and the conductive grounding sheath being surrounded by a protective outer jacket, said connector comprising:	A connector for coupling an end of a coaxial cable to a threaded port, the coaxial cable having a center conductor surrounded by a dielectric, the dielectric being surrounded by a conductive grounding sheath, and the conductive grounding sheath being surrounded by a protective outer jacket, said connector comprising in combination:
a. a tubular post having a first end adapted to be inserted into an exposed end of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end;	a. a tubular post having a first end adapted to be inserted into an exposed end of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end;
b. a nut having a first end for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore for threadedly engaging the threaded port;	b. a nut having a first end for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore for threadedly engaging the threaded port;
c. a cylindrical body member having a first end and a second end, the first end of said cylindrical body member including a cylindrical sleeve having an outer wall of a first diameter and an inner wall, the inner wall bounding a first central bore extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said cylindrical sleeve having an open rear end portion for receiving the outer jacket of the coaxial cable, said open rear end portion being deformable;	c. a cylindrical body member having a first end and a second end, the first end of said cylindrical body member including a cylindrical sleeve having an outer wall of a first diameter and an inner wall, the inner wall bounding a first central bore extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said cylindrical sleeve having an open rear end portion for receiving the outer jacket of the coaxial cable, said open rear end portion being deformable;

Table 1-5. Claim Chart For Count 1: Application Claim 18 vs. Application Claim 2	
Montena 09/621,975 Patent Application Application Component of Count 1 (Application Claim 2 - AC2)	**Montena 09/621,975 Patent Application (Application Claim 18 as Marked-Up AC2) [] deletion relative to AC2 __ insertion relative to AC2**
d. a compression ring having first and second opposing ends and having a central passageway extending therethrough between the first and second ends thereof, the first end of said compression ring having at least a portion of a first internal bore of a diameter commensurate with the first diameter of the outer wall of said cylindrical sleeve for allowing the first end of said compression ring to axially slidably engage the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall leading from the first internal bore and narrowing to a reduced diameter as compared with the first diameter; and	d. a compression ring having first and second opposing ends and having a central passageway extending therethrough between the first and second ends thereof, the first end of said compression ring having [at least a portion of] a first internal bore of a diameter commensurate with the first diameter of the outer wall of said cylindrical sleeve for allowing the first end of said compression ring to axially slidably engage the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall leading from the first internal bore and narrowing to a reduced diameter as compared with the first diameter, wherein the axial length of the central passageway of the compression ring is approximately equal to or less than the axial length of the first end of said tubular post; and
e. said inwardly tapered annular wall causing said open rear end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member.	e. said inwardly tapered annular wall causing said open rear end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member.

Table 1-6. Claim Chart For Count 1: Application Claim 19 vs. Application Claim 2	
Montena 09/621,975 Patent Application Application Component of Count 1 (Application Claim 2 - AC2)	**Montena 09/621,975 Patent Application (Application Claim 19 as Marked-UP AC2) [] deletion relative to AC2 __ insertion relative to AC2**
A connector for coupling an end of a coaxial cable to a threaded port, the coaxial cable having a center conductor surrounded by a dielectric, the dielectric being surrounded by a conductive grounding sheath, and the conductive grounding sheath being surrounded by a protective outer jacket, said connector comprising:	A connector for coupling an end of a coaxial cable to a threaded port, the coaxial cable having a center conductor surrounded by a dielectric, the dielectric being surrounded by a conductive grounding sheath, and the conductive grounding sheath being surrounded by a protective outer jacket, said connector comprising in combination:
a. a tubular post having a first end adapted to be inserted into an exposed end of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end;	a. a tubular post having a first end adapted to be inserted into an exposed end of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end;
b. a nut having a first end for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore for threadedly engaging the threaded port;	b. a nut having a first end for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore for threadedly engaging the threaded port;
c. a cylindrical body member having a first end and a second end, the first end of said cylindrical body member including a cylindrical sleeve having an outer wall of a first diameter and an inner wall, the inner wall bounding a first central bore extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said cylindrical sleeve having an open rear end portion for receiving the outer jacket of the coaxial cable, said open rear end portion being deformable;	c. a cylindrical body member having a first end and a second end, the first end of said cylindrical body member including a cylindrical sleeve having an outer wall of a first diameter and an inner wall, the inner wall bounding a first central bore extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said cylindrical sleeve having an open rear end portion for receiving the outer jacket of the coaxial cable, said open rear end portion being deformable;

Table 1-6. Claim Chart For Count 1: Application Claim 19 vs. Application Claim 2	
Montena 09/621,975 Patent Application Application Component of Count 1 (Application Claim 2 - AC2)	**Montena 09/621,975 Patent Application (Application Claim 19 as Marked-UP AC2) [] deletion relative to AC2 __ insertion relative to AC2**
d. a compression ring having first and second opposing ends and having a central passageway extending therethrough between the first and second ends thereof, the first end of said compression ring having at least a portion of a first internal bore of a diameter commensurate with the first diameter of the outer wall of said cylindrical sleeve for allowing the first end of said compression ring to axially slidably engage the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall leading from the first internal bore and narrowing to a reduced diameter as compared with the first diameter; and	d. a compression ring having first and second opposing ends and having a central passageway extending therethrough between the first and second ends thereof, the first end of said compression ring having [at least a portion of] a first internal bore of a diameter commensurate with the first diameter of the outer wall of said cylindrical sleeve for allowing the first end of said compression ring to axially slidably engage the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall leading from the first internal bore and narrowing to a reduced diameter as compared with the first diameter, wherein the axial length of the first internal bore is less than the axial length of the first end of said tubular post; and
e. said inwardly tapered annular wall causing said open rear end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member.	e. said inwardly tapered annular wall causing said open rear end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member.

Table 1-7. Claim Chart For Count 1: Application Claim 20 vs. Application Claim 2	
Montena 09/621,975 Patent Application Application Component of Count 1 (Application Claim 2 - AC2)	**Montena 09/621,975 Patent Application (Application Claim 20 as Marked-Up AC2) [] deletion relative to AC2 __ insertion relative to AC2**
A connector for coupling an end of a coaxial cable to a threaded port, the coaxial cable having a center conductor surrounded by a dielectric, the dielectric being surrounded by a conductive grounding sheath, and the conductive grounding sheath being surrounded by a protective outer jacket, said connector comprising:	A connector for coupling an end of a coaxial cable to a threaded port, the coaxial cable having a center conductor surrounded by a dielectric, the dielectric being surrounded by a conductive grounding sheath, and the conductive grounding sheath being surrounded by a protective outer jacket, said connector comprising in combination:
a. a tubular post having a first end adapted to be inserted into an exposed end of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end;	a. a tubular post having a first end adapted to be inserted into an exposed end of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end;
b. a nut having a first end for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore for threadedly engaging the threaded port;	b. a nut having a first end for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore for threadedly engaging the threaded port;
c. a cylindrical body member having a first end and a second end, the first end of said cylindrical body member including a cylindrical sleeve having an outer wall of a first diameter and an inner wall, the inner wall bounding a first central bore extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said cylindrical sleeve having an open rear end portion for receiving the outer jacket of the coaxial cable, said open rear end portion being deformable;	c. a cylindrical body member having a first end and a second end, the first end of said cylindrical body member including a cylindrical sleeve having an outer wall of a first diameter and an inner wall, the inner wall bounding a first central bore extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said cylindrical sleeve having an open rear end portion for receiving the outer jacket of the coaxial cable, said open rear end portion being deformable;

Table 1-7. Claim Chart For Count 1: Application Claim 20 vs. Application Claim 2	
Montena 09/621,975 Patent Application Application Component of Count 1 (Application Claim 2 - AC2)	**Montena 09/621,975 Patent Application (Application Claim 20 as Marked-Up AC2) [] deletion relative to AC2 __ insertion relative to AC2**
d. a compression ring having first and second opposing ends and having a central passageway extending therethrough between the first and second ends thereof, the first end of said compression ring having at least a portion of a first internal bore of a diameter commensurate with the first diameter of the outer wall of said cylindrical sleeve for allowing the first end of said compression ring to axially slidably engage the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall leading from the first internal bore and narrowing to a reduced diameter as compared with the first diameter; and	d. a compression ring having first and second opposing ends and having a central passageway extending therethrough between the first and second ends thereof, the first end of said compression ring having [at least a portion of] a first internal bore of a diameter commensurate with the first diameter of the outer wall of said cylindrical sleeve for allowing the first end of said compression ring to axially slidably engage the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall leading from the first internal bore and narrowing to a reduced diameter as compared with the first diameter, wherein the axial length of the first internal bore is less than the axial length of the deformable rear end portion of the cylindrical sleeve; and
e. said inwardly tapered annular wall causing said open rear end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member.	e. said inwardly tapered annular wall causing said open rear end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member.

Table 1-8. Claim Chart For Count 1: Application Claim 21 vs. Application Claim 2	
Montena 09/621,975 Patent Application Application Component of Count 1 (Application Claim 2 - AC2)	**Montena 09/621,975 Patent Application (Application Claim 21 as Marked-Up AC2) [] deletion relative to AC2 __ insertion relative to AC2**
A connector for coupling an end of a coaxial cable to a threaded port, the coaxial cable having a center conductor surrounded by a dielectric, the dielectric being surrounded by a conductive grounding sheath, and the conductive grounding sheath being surrounded by a protective outer jacket, said connector comprising:	A connector for coupling an end of a coaxial cable to a threaded port, the coaxial cable having a center conductor surrounded by a dielectric, the dielectric being surrounded by a conductive grounding sheath, and the conductive grounding sheath being surrounded by a protective outer jacket, said connector comprising:
a. a tubular post having a first end adapted to be inserted into an exposed end of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end;	a. a tubular post having a first end adapted to be inserted into an exposed end of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end;
b. a nut having a first end for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore for threadedly engaging the threaded port;	b. a nut having a first end for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore for threadedly engaging the threaded port;
c. a cylindrical body member having a first end and a second end, the first end of said cylindrical body member including a cylindrical sleeve having an outer wall of a first diameter and an inner wall, the inner wall bounding a first central bore extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said cylindrical sleeve having an open rear end portion for receiving the outer jacket of the coaxial cable, said open rear end portion being deformable;	c. a cylindrical body member having a first end and a second end, the first end of said cylindrical body member including a cylindrical sleeve having an outer wall of a first diameter and an inner wall, the inner wall bounding a first central bore extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said cylindrical sleeve having an open rear end portion for receiving the outer jacket of the coaxial cable, said open rear end portion being deformable;

Table 1-8. Claim Chart For Count 1: Application Claim 21 vs. Application Claim 2	
Montena 09/621,975 Patent Application Application Component of Count 1 (Application Claim 2 - AC2)	**Montena 09/621,975 Patent Application (Application Claim 21 as Marked-Up AC2) [] deletion relative to AC2 __ insertion relative to AC2**
d. a compression ring having first and second opposing ends and having a central passageway extending therethrough between the first and second ends thereof, the first end of said compression ring having at least a portion of a first internal bore of a diameter commensurate with the first diameter of the outer wall of said cylindrical sleeve for allowing the first end of said compression ring to axially slidably engage the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall leading from the first internal bore and narrowing to a reduced diameter as compared with the first diameter; and	d. a compression ring having first and second opposing ends and having a central passageway extending therethrough between the first and second ends thereof, the first end of said compression ring having [at least a portion of] a first <u>non-tapered</u> internal bore of a diameter commensurate with the first diameter of the outer wall of said cylindrical sleeve for allowing the first end of said compression ring to [axially slidably engage] <u>extend over</u> the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall leading from the first internal bore and narrowing to a reduced diameter as compared with the first diameter; and
e. said inwardly tapered annular wall causing said open rear end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member.	e. said inwardly tapered annular wall causing said [open rear] <u>first</u> end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member.

Table 1-9. Claim Chart For Count 1: Application Claim 22 vs. Application Claim 2	
Montena 09/621,975 Patent Application Application Component of Count 1 (Application Claim 2 - AC2)	**Montena 09/621,975 Patent Application (Application Claim 22 as Marked-Up AC2) [] deletion relative to AC2 __ insertion relative to AC2**
A connector for coupling an end of a coaxial cable to a threaded port, the coaxial cable having a center conductor surrounded by a dielectric, the dielectric being surrounded by a conductive grounding sheath, and the conductive grounding sheath being surrounded by a protective outer jacket, said connector comprising:	A connector for coupling an end of a coaxial cable to a threaded port, the coaxial cable having a center conductor surrounded by a dielectric, the dielectric being surrounded by a conductive grounding sheath, and the conductive grounding sheath being surrounded by a protective outer jacket, said connector comprising:
a. a tubular post having a first end adapted to be inserted into an exposed end of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end;	a. a tubular post having a first end adapted to be inserted into an exposed end of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end;
b. a nut having a first end for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore for threadedly engaging the threaded port;	b. a nut having a first end for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore for threadedly engaging the threaded port;
c. a cylindrical body member having a first end and a second end, the first end of said cylindrical body member including a cylindrical sleeve having an outer wall of a first diameter and an inner wall, the inner wall bounding a first central bore extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said cylindrical sleeve having an open rear end portion for receiving the outer jacket of the coaxial cable, said open rear end portion being deformable;	c. a cylindrical body member having a first end and a second end, the first end of said cylindrical body member including a cylindrical sleeve having an outer wall of a first diameter and an inner wall, the inner wall bounding a first central bore extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said cylindrical sleeve having an open rear end portion for receiving the outer jacket of the coaxial cable, said open rear end portion being deformable;

Table 1-9. Claim Chart For Count 1: Application Claim 22 vs. Application Claim 2	
Montena 09/621,975 Patent Application Application Component of Count 1 (Application Claim 2 - AC2)	**Montena 09/621,975 Patent Application (Application Claim 22 as Marked-Up AC2) [] deletion relative to AC2 __ insertion relative to AC2**
d. a compression ring having first and second opposing ends and having a central passageway extending therethrough between the first and second ends thereof, the first end of said compression ring having at least a portion of a first internal bore of a diameter commensurate with the first diameter of the outer wall of said cylindrical sleeve for allowing the first end of said compression ring to axially slidably engage the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall leading from the first internal bore and narrowing to a reduced diameter as compared with the first diameter; and	d. a compression ring having first and second opposing ends and having a central passageway extending therethrough between the first and second ends thereof, the first end of said compression ring having [at least a portion of] a first constant diameter internal bore of a diameter commensurate with the first diameter of the outer wall of said cylindrical sleeve for allowing the first end of said compression ring to [axially slidably engage] extend over the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall leading from the first internal bore and narrowing to a reduced diameter as compared with the first diameter; and
e. said inwardly tapered annular wall causing said open rear end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member.	e. said inwardly tapered annular wall causing said [open rear] first end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member.

Table 2-1. Claim Chart For Count 2: Application Claim 4 vs. Patent Claim 3	
Burris 5,997,350 Patent **Patent Component of Count 2** **(Patent Claim 3 - PC3)**	**Montena 09/621,975 Patent Application** **Application Component of Count 2** **(Application Claim 4 as Marked-Up PC3)** **[] deletion relative to PC3** **__ insertion relative to PC3**
Patent Claim 1	Application Claim 2
The connector recited by claim 1 wherein said compression ring is mounted over the first end of said cylindrical body, but is not fully axially advanced, prior to installation over the end of a coaxial cable.	The connector recited by claim [1] 2 wherein said compression ring is mounted over the first end of said cylindrical body, but is not fully axially advanced, prior to installation over the end of a coaxial cable.

Table 3-1. Claim Chart For Count 3: Application Claim 6 vs. Patent Claim 4	
Burris 5,997,350 Patent Patent Component of Count 3 (Patent Claim 4 - PC4)	**Montena 09/621,975 Patent Application Application Component of Count 3 (Application Claim 6 as Marked-Up PC4) [] deletion relative to PC4 __ insertion relative to PC4**
Patent Claim 1	Application Claim 2
The connector recited by claim 1 wherein said compression ring is initially integral with the sleeve of said cylindrical body member and connected thereto by a frangible connection, and wherein axial advancement of said compression ring toward the second end of said cylindrical body member breaks the frangible connection between said compression ring and said cylindrical body member.	The connector recited by claim[1] 2 wherein said compression ring is initially [integral with] securely fastened to the sleeve of said cylindrical body member and connected thereto by a [frangible] releasable connection, and wherein [axial] the axially slidable advancement of said compression ring toward the second end of said cylindrical body member [breaks] separates the [frangible] releasable connection between said compression ring and said cylindrical body member.

Table 4-1. Claim Chart For Count 4: Application Claim 8 vs. Patent Claim 5	
Burris 5,997,350 Patent Patent Component of Count 4 (Patent Claim 5 - PC5)	**Montena 09/621,975 Patent Application Application Component of Count 4 (Application Claim 8 as Marked-Up PC5) [] deletion relative to PC5 __ insertion relative to PC5**
Patent Claim 1	Application Claim 2
The connector recited by claim 1 wherein said cylindrical body member includes an enlarged diameter shoulder generally between the first and second ends thereof, said enlarged diameter shoulder having a diameter larger than the first predetermined diameter of the outer wall of said cylindrical sleeve, the first end of said compression ring engaging, and being stopped by, said enlarged diameter shoulder when said compression ring has been fully axially advanced over said cylindrical sleeve.	The connector recited by claim [1] 2 wherein said cylindrical body member includes an enlarged diameter shoulder generally between the first and second ends thereof, said enlarged diameter shoulder having a diameter larger than the first [predetermined] diameter of the outer wall of said open rear end portion of said cylindrical sleeve, the first end of said compression ring engaging, and being stopped by, said enlarged diameter shoulder when said compression ring has been fully axially advanced over said cylindrical sleeve.

Table 5-1. Claim Chart For Count 5: Application Claim 10 vs. Patent Claim 6	
Burris 5,997,350 Patent Patent Component of Count 5 (Patent Claim 6 - PC6)	**Montena 09/621,975 Patent Application Application Component of Count 5 (Application Claim 10 as Marked-Up PC6) [] deletion relative to PC6 __ insertion relative to PC6**
A connector for coupling the and of a coaxial cable to a threaded port, the coaxial cable having a center conductor surrounded by a dielectric, the dielectric being surrounded by a conductive grounding sheath, and the conductive grounding sheath being surrounded by a protective outer jacket, said connector comprising in combination:	A connector for coupling [the and] an end of a coaxial cable to a threaded port, the coaxial cable having a center conductor surrounded by a dielectric, the dielectric being surrounded by a conductive grounding sheath, and the conductive grounding sheath being surrounded by a protective outer jacket, said connector comprising in combination:
a. a tubular post having a first end adapted to be inserted into an exposed end of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end;	a. a tubular post having a first end adapted to be inserted into an exposed end of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end;
b. a nut having a first end for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore for threadedly engaging a threaded port;	b. a nut having a first end for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore for threadedly engaging [a] the threaded port;
c. a cylindrical body member having a first end and a second end, the first end of said cylindrical body member including a cylindrical sleeve having an outer wall of a first predetermined diameter and an inner wall, the inner wall bounding a first central bore extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said cylindrical sleeve having an open rear end portion for receiving the outer jacket of the coaxial cable, said open rear end portion being deformable; and	c. a cylindrical body member having a first end and a second end, the first end of said cylindrical body member including a cylindrical sleeve having an open rear end portion, said open rear end portion having an outer wall of a first [predetermined] diameter and an inner wall, the inner wall bounding a first central bore extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said [cylindrical sleeve having an] open rear end portion for receiving the outer jacket of the coaxial cable, said open rear end portion being deformable; [and]

Table 5-1. Claim Chart For Count 5: Application Claim 10 vs. Patent Claim 6	
Burris 5,997,350 Patent Patent Component of Count 5 (Patent Claim 6 - PC6)	**Montena 09/621,975 Patent Application Application Component of Count 5 (Application Claim 10 as Marked-Up PC6) [] deletion relative to PC6 __ insertion relative to PC6**
d. a compression ring having first and second opposing ends and having a central passageway extending therethrough between the first and second ends thereof, the first end of said compression ring having a first internal bore of a diameter commensurate with the first predetermined diameter of the outer wall of said cylindrical sleeve for allowing the first end of said compression ring to extend over the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall leading from the first internal bore and narrowing to a reduced diameter as compared with the first predetermined diameter;	d. a compression ring having first and second opposing ends and having a central passageway extending therethrough between the first and second ends thereof, the first end of said compression ring having a first internal bore of a diameter commensurate with the first [predetermined] diameter of the outer wall <u>of said open rear end portion</u> of said cylindrical sleeve for allowing the first end of said compression ring to [extend over] <u>axially slidably engage</u> the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall leading from the first internal bore and narrowing to a reduced diameter as compared with the first [predetermined] diameter;
e. said inwardly tapered annular wall causing said rear end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member; and	e. said inwardly tapered annular wall causing said <u>open</u> rear end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member; and
f. wherein said cylindrical sleeve of said cylindrical body member has a circular relief formed therein to facilitate bending of said cylindrical sleeve as said compression ring is axially advanced thereover.	f. wherein said cylindrical sleeve of said cylindrical body member has a circular relief formed therein to facilitate bending of said cylindrical sleeve as said compression ring is axially advanced thereover.

Table 5-2. Claim Chart For Count 5: Application Claim 11 vs. Application Claim 10	
Montena 09/621,975 Patent Application Application Component of Count 5 (Application Claim 10 - AC10)	**Montena 09/621,975 Patent Application** **(Application Claim 11 as Marked-Up AC10)** **[] deletion relative to AC10** **__ insertion relative to AC10**
A connector for coupling an end of a coaxial cable to a threaded port, the coaxial cable having a center conductor surrounded by a dielectric, the dielectric being surrounded by a conductive grounding sheath, and the conductive grounding sheath being surrounded by a protective outer jacket, said connector comprising in combination:	A connector for coupling an end of a coaxial cable to a threaded port, the coaxial cable having a center conductor surrounded by a dielectric, the dielectric being surrounded by a conductive grounding sheath, and the conductive grounding sheath being surrounded by a protective outer jacket, said connector comprising in combination:
a. a tubular post having a first end adapted to be inserted into an exposed end of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end;	a. a tubular post having a first end adapted to be inserted into an exposed end of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end;
b. a nut having a first end for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore for threadedly engaging the threaded port;	b. a nut having a first end for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore for threadedly engaging the threaded port;
c. a cylindrical body member having a first end and a second end, the first end of said cylindrical body member including a cylindrical sleeve having an open rear end portion, said open rear end portion having an outer wall of a first diameter and an inner wall, the inner wall bounding a first central bore extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said open rear end portion for receiving the outer jacket of the coaxial cable, said open rear end portion being deformable;	c. a cylindrical body member having a first end and a second end, the first end of said cylindrical body member including a cylindrical sleeve having an open rear end portion, said open rear end portion having an outer wall of a first diameter and an inner wall, the inner wall bounding a first central bore extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said open rear end portion for receiving the outer jacket of the coaxial cable, said open rear end portion being deformable;

Table 5-2. Claim Chart For Count 5: Application Claim 11 vs. Application Claim 10	
Montena 09/621,975 Patent Application Application Component of Count 5 (Application Claim 10 - AC10)	**Montena 09/621,975 Patent Application** **(Application Claim 11 as Marked-Up AC10)** **[] deletion relative to AC10** **__ insertion relative to AC10**
d. a compression ring having first and second opposing ends and having a central passageway extending therethrough between the first and second ends thereof, the first end of said compression ring having a first internal bore of a diameter commensurate with the first diameter of the outer wall of said open rear end portion of said cylindrical sleeve for allowing the first end of said compression ring to axially slidably engage the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall leading from the first internal bore and narrowing to a reduced diameter as compared with the first diameter;	d. a compression ring having first and second opposing ends and having a central passageway extending therethrough between the first and second ends thereof, the first end of said compression ring having a first internal bore of a diameter commensurate with the first diameter of the outer wall of said open rear end portion of said cylindrical sleeve for allowing the first end of said compression ring to axially slidably engage the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall leading from the first internal bore and narrowing to a reduced diameter as compared with the first diameter;
e. said inwardly tapered annular wall causing said open rear end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member; and	e. said inwardly tapered annular wall causing said open rear end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member; and
f. wherein said cylindrical sleeve of said cylindrical body member has a circular relief formed therein to facilitate bending of said cylindrical sleeve as said compression ring is axially advanced thereover.	f. wherein said cylindrical sleeve of said cylindrical body member has a [circular relief] <u>tapered section</u> formed therein to facilitate bending of said cylindrical sleeve as said compression ring is axially advanced thereover.

Table 5-3. Claim Chart For Count 5: Application Claim 12 vs. Application Claim 10	
Montena 09/621,975 Patent Application Application Component of Count 5 (Application Claim 10 - AC10)	**Montena 09/621,975 Patent Application** **(Application Claim 12 as Marked-Up AC10)** **[] deletion relative to AC10** **__ insertion relative to AC10**
A connector for coupling an end of a coaxial cable to a threaded port, the coaxial cable having a center conductor surrounded by a dielectric, the dielectric being surrounded by a conductive grounding sheath, and the conductive grounding sheath being surrounded by a protective outer jacket, said connector comprising in combination:	A connector for coupling an end of a coaxial cable to a threaded port, the coaxial cable having a center conductor surrounded by [a dielectric] an insulator core, the [dielectric] insulator core being surrounded by [a conductive grounding sheath] an outer braid conductor, and the [conductive grounding sheath] outer braid conductor being surrounded by a protective [outer] sheathing jacket, said connector comprising in combination:
a. a tubular post having a first end adapted to be inserted into an exposed end of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end;	a. a tubular post member having a first [end] opening adapted to be inserted [into] onto an exposed end of the coaxial cable around the [dielectric] insulator core thereof and under the [conductive grounding sheath] outer braid conductor thereof, said tubular post member having an [opposing] opposed second [end] opening;
b. a nut having a first end for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore for threadedly engaging the threaded port;	b. a nut member having a first end for rotatably engaging the second [end] opening of said tubular post member and having an opposing second end with an internally threaded bore for threadedly engaging the threaded port;

Table 5-3. Claim Chart For Count 5: Application Claim 12 vs. Application Claim 10	
Montena 09/621,975 Patent Application Application Component of Count 5 (Application Claim 10 - AC10)	**Montena 09/621,975 Patent Application** **(Application Claim 12 as Marked-Up AC10)** **[] deletion relative to AC10** **__ insertion relative to AC10**
c. a cylindrical body member having a first end and a second end, the first end of said cylindrical body member including a cylindrical sleeve having an open rear end portion, said open rear end portion having an outer wall of a first diameter and an inner wall, the inner wall bounding a first central bore extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said open rear end portion for receiving the outer jacket of the coaxial cable, said open rear end portion being deformable;	c. a [cylindrical] connector body [member] having a first end and a second end, the first end of said [cylindrical] connector body [member] including a cylindrical sleeve [having an open rear end portion, said open rear end portion] having an outer wall of a first diameter and an inner wall, the inner wall bounding a first [central bore] outer cavity extending about said [tubular] post member, the second end of said [cylindrical] connector body [member] engaging said [tubular] post member proximate the second [end] opening thereof, said cylindrical sleeve having an open [rear] end [portion] for receiving the [outer] sheathing jacket of the coaxial cable, said open [rear] end [portion] being deformable;

Table 5-3. Claim Chart For Count 5: Application Claim 12 vs. Application Claim 10	
Montena 09/621,975 Patent Application Application Component of Count 5 (Application Claim 10 - AC10)	**Montena 09/621,975 Patent Application** **(Application Claim 12 as Marked-Up AC10)** **[] deletion relative to AC10** **__ insertion relative to AC10**
d. a compression ring having first and second opposing ends and having a central passageway extending therethrough between the first and second ends thereof, the first end of said compression ring having a first internal bore of a diameter commensurate with the first diameter of the outer wall of said open rear end portion of said cylindrical sleeve for allowing the first end of said compression ring to axially slidably engage the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall leading from the first internal bore and narrowing to a reduced diameter as compared with the first diameter;	d. a [compression ring] fastener member having first and second opposing [ends] openings and having a [central passageway] second cavity extending therethrough between the first and second [ends] opposing openings thereof, the first [end] opening of said [compression ring] fastener member having a first [internal] inner bore of a diameter commensurate with the first diameter of the outer wall of said [open rear end portion of said cylindrical sleeve] connector body for allowing the first [end] opening of said [compression ring] fastener member to axially slidably engage the first end of said [cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall] connector body, the second cavity of said fastener member including a ramped surface leading from the first [internal] inner bore and narrowing to a reduced diameter as compared with the first diameter;
e. said inwardly tapered annular wall causing said open rear end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member; and	e. said [inwardly tapered annular wall] ramped surface causing said open [rear] end [portion] of said cylindrical sleeve to be deformed inwardly toward said tubular post member and against the jacket of the coaxial cable as said [compression ring] fastener member is advanced axially over the [cylindrical] connector body [member] toward the second end of said [cylindrical] connector body [member]; and

Table 5-3. Claim Chart For Count 5: Application Claim 12 vs. Application Claim 10	
Montena 09/621,975 Patent Application Application Component of Count 5 (Application Claim 10 - AC10)	**Montena 09/621,975 Patent Application** **(Application Claim 12 as Marked-Up AC10)** **[] deletion relative to AC10** **__ insertion relative to AC10**
f. wherein said cylindrical sleeve of said cylindrical body member has a circular relief formed therein to facilitate bending of said cylindrical sleeve as said compression ring is axially advanced thereover.	f. wherein said cylindrical sleeve of said [cylindrical] connector body [member] has a [circular relief] corrugated surface portion formed therein to facilitate [bending] movement of said cylindrical sleeve as said [compression ring] fastener member is axially advanced thereover.

Table 6-1. Claim Chart For Count 6: Application Claim 13 vs. Patent Claim 7	
Burris 5,997,350 Patent Patent Component of Count 6 (Patent Claim 7 - PC7)	**Montena 09/621,975 Patent Application Application Component of Count 6 (Application Claim 13 as Marked-Up PC7) [] deletion relative to PC7 __ insertion relative to PC7**
A connector for coupling the end of a coaxial cable to a threaded port, the coaxial cable having a center conductor surrounded by a dielectric, the dielectric being surrounded by a conductive grounding sheath, and the conductive grounding sheath being surrounded by a protective outer jacket, said connector comprising in combination:	A connector for coupling [the] an end of a coaxial cable to a threaded port, the coaxial cable having a center conductor surrounded by a dielectric, the dielectric being surrounded by a conductive grounding sheath, and the conductive grounding sheath being surrounded by a protective outer jacket, said connector comprising in combination:
a. a tubular post having a first end adapted to be inserted into an exposed end of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end;	a. a tubular post having a first end adapted to be inserted into an exposed end of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end;
b. a nut having a first end for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore for threadedly engaging a threaded port;	b. a nut having a first end for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore for threadedly engaging [a] the threaded port;

Table 6-1. Claim Chart For Count 6: Application Claim 13 vs. Patent Claim 7	
Burris 5,997,350 Patent Patent Component of Count 6 (Patent Claim 7 - PC7)	**Montena 09/621,975 Patent Application Application Component of Count 6 (Application Claim 13 as Marked-Up PC7) [] deletion relative to PC7 __ insertion relative to PC7**
c. a cylindrical body member having a first end and a second end, the first end of said cylindrical body member including a cylindrical sleeve having an outer wall of a first predetermined diameter and an inner wall, the inner wall bounding a first central bore extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said cylindrical sleeve having an open rear end portion for receiving the outer jacket of the coaxial cable, said open rear end portion being deformable; and	c. a cylindrical body member having a first end and a second end, the first end of said cylindrical body member including a cylindrical sleeve having an open rear end portion, said open rear end portion having an outer wall of a first [predetermined] diameter and an inner wall, the inner wall bounding a first central bore extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said [cylindrical sleeve having an] open rear end portion for receiving the outer jacket of the coaxial cable, said open rear end portion being [deformable; and] deformed inwardly toward said tubular post and against the jacket of the coaxial cable when a compression ring is advanced axially over the first end of said cylindrical body member;
d. a compression ring having first and second opposing ends and having a central passageway extending therethrough between the first and second ends thereof, the first end of said compression ring having a first internal bore of a diameter commensurate with the first predetermined diameter of the outer wall of said cylindrical sleeve for allowing the first end of said compression ring to extend over the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall leading from the first internal bore and narrowing to a reduced diameter as compared with the first predetermined diameter;	d. [a] the compression ring having first and second opposing ends and having a central passageway extending therethrough between the first and second ends thereof, the first end of said compression ring having a first internal bore of a diameter commensurate with the first [predetermined] diameter of the outer wall of said open rear end portion of said cylindrical sleeve for allowing the first end of said compression ring to extend over the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall leading from the first internal bore and narrowing to a reduced diameter as compared with the first [predetermined] diameter;

Table 6-1. Claim Chart For Count 6: Application Claim 13 vs. Patent Claim 7	
Burris 5,997,350 Patent Patent Component of Count 6 (Patent Claim 7 - PC7)	**Montena 09/621,975 Patent Application Application Component of Count 6 (Application Claim 13 as Marked-Up PC7) [] deletion relative to PC7 __ insertion relative to PC7**
e. said inwardly tapered annular wall causing said rear end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member; and	e. said inwardly tapered annular wall causing said open rear end portion of said cylindrical sleeve to be deformed inwardly toward <u>said</u> tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member; and
f. wherein a series of grooves are formed in the outer wall of said cylindrical sleeve to reduce drag as the compression ring is axially advanced over said cylindrical sleeve.	f. wherein a series of grooves are formed in the outer wall of said cylindrical sleeve to reduce drag as the compression ring is axially advanced over said cylindrical sleeve.

Table 6-2. Claim Chart For Count 6: Application Claim 14 vs. Application Claim 13	
Montena 09/621,975 Patent Application Application Component of Count 6 (Application Claim 13 - AC13)	**Montena 09/621,975 Patent Application** **(Application Claim 14 as Marked-Up AC13)** **[] deletion relative to AC13** **__ insertion relative to AC13**
A connector for coupling an end of a coaxial cable to a threaded port, the coaxial cable having a center conductor surrounded by a dielectric, the dielectric being surrounded by a conductive grounding sheath, and the conductive grounding sheath being surrounded by a protective outer jacket, said connector comprising in combination:	A connector for coupling an end of a coaxial cable to a threaded port, the coaxial cable having a center conductor surrounded by [a dielectric] insulator core, the [dielectric] insulator core being surrounded by [a conductive grounding sheath] an outer braid conductor, and the [conductive grounding sheath] outer braid conductor being surrounded by a protective [outer] sheathing jacket, said connector comprising in combination:
a. a tubular post having a first end adapted to be inserted into an exposed end of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end;	a. a tubular post member having a first [end] opening adapted to be inserted [into] onto an exposed end of the coaxial cable around the [dielectric] insulator core thereof and under the [conductive grounding sheath] outer braid conductor thereof, said tubular post member having an [opposing] opposed second [end] opening;
b. a nut having a first end for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore for threadedly engaging the threaded port;	b. a nut member having a first end for rotatably engaging the second [end] opening of said tubular post member and having an opposing second end with an internally threaded bore for threadedly engaging the threaded port;

Table 6-2. Claim Chart For Count 6: Application Claim 14 vs. Application Claim 13	
Montena 09/621,975 Patent Application Application Component of Count 6 (Application Claim 13 - AC13)	**Montena 09/621,975 Patent Application (Application Claim 14 as Marked-Up AC13) [] deletion relative to AC13 __ insertion relative to AC13**
c. a cylindrical body member having a first end and a second end, the first end of said cylindrical body member including a cylindrical sleeve having an open rear end portion, said open rear end portion having an outer wall of a first diameter and an inner wall, the inner wall bounding a first central bore extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said open rear end portion for receiving the outer jacket of the coaxial cable, said open rear end portion being deformed inwardly toward said tubular post and against the jacket of the coaxial cable when a compression ring is advanced axially over the first end of said cylindrical body member;	c. a [cylindrical] connector body [member] having a first end and a second end, the first end of said [cylindrical] connector body [member] including a cylindrical sleeve [having an open rear end portion, said open rear end portion] having an outer wall of a first predetermined diameter and an inner wall, the inner wall bounding a first [central bore] outer cavity extending about said [tubular] post member, the second end of said [cylindrical] connector body [member] engaging said [tubular] post member proximate the second [end] opening thereof, said cylindrical sleeve having an open [rear] end [portion] for receiving the [outer] sheathing jacket of the coaxial cable, said open [rear end portion being deformed inwardly toward said tubular post and against the jacket of the coaxial cable when a compression ring is advanced axially over the first end of said cylindrical body member] end being deformable;

Table 6-2. Claim Chart For Count 6: Application Claim 14 vs. Application Claim 13	
Montena 09/621,975 Patent Application Application Component of Count 6 (Application Claim 13 - AC13)	**Montena 09/621,975 Patent Application** **(Application Claim 14 as Marked-Up AC13)** **[] deletion relative to AC13** **__ insertion relative to AC13**
d. the compression ring having first and second opposing ends and having a central passageway extending therethrough between the first and second ends thereof, the first end of said compression ring having a first internal bore of a diameter commensurate with the first diameter of the outer wall of said open rear end portion of said cylindrical sleeve for allowing the first end of said compression ring to extend over the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall leading from the first internal bore and narrowing to a reduced diameter as compared with the first diameter;	d. [the compression ring] a fastener member having first and second opposing [ends] openings and having a [central passageway] second cavity extending therethrough between the first and second [ends] opposing openings thereof, the first [end] opening of said [compression ring] fastener member having a first [internal] inner bore of a diameter commensurate with the first predetermined diameter of the outer wall of said [open rear end portion of said cylindrical sleeve] connector body for allowing the first [end] opening of said [compression ring] fastener member to extend over the first end of said [cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall] connector body, the second cavity of said fastener member including a ramped surface leading from the first [internal] inner bore and narrowing to a reduced diameter as compared with the first predetermined diameter;
e. said inwardly tapered annular wall causing said open rear end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member; and	e. said [inwardly tapered annular wall] ramped surface causing said open [rear] end [portion] of said cylindrical sleeve to be deformed inwardly toward said tubular post member and against the jacket of the coaxial cable as said [compression ring] fastener member is advanced axially over the [cylindrical] connector body [member] toward the second end of said [cylindrical] connector body [member]; and

Table 6-2. Claim Chart For Count 6: Application Claim 14 vs. Application Claim 13	
Montena 09/621,975 Patent Application Application Component of Count 6 (Application Claim 13 - AC13)	**Montena 09/621,975 Patent Application** **(Application Claim 14 as Marked-Up AC13)** **[] deletion relative to AC13** **__ insertion relative to AC13**
f. wherein a series of grooves are formed in the outer wall of said cylindrical sleeve to reduce drag as the compression ring is axially advanced over said cylindrical sleeve.	f. wherein a [series of grooves are] corrugated surface portion is formed in the outer wall of said [cylindrical sleeve] connector body to reduce [drag] driving force as the [compression ring] fastener member is axially advanced [over] along said [cylindrical sleeve] connector body.

Appendix G. Current Claims Vs. Prior Claims For 09/621,975 Patent Application

This Appendix shows current claims of the 09/621,975 Patent Application as marked up relative to the same claims submitted by Preliminary Amendment on September 11, 2001. For example, claim 2 below is the current claim 2 in a form that shows the changes made to the prior version of claim 2 submitted by Preliminary Amendment on September 11, 2001.

Claim 2

A connector for coupling [the] an end of a coaxial cable to a threaded port, the coaxial cable having a center conductor surrounded by a dielectric, the dielectric being surrounded by a conductive grounding sheath, and the conductive grounding sheath being surrounded by a protective outer jacket, said connector comprising [in combination]:

a. a tubular post having a first end adapted to be inserted into an exposed end of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end;

b. a nut having a first end for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore for threadedly engaging [a] the threaded port;

c. a cylindrical body member having a first end and a second end, the first end of said cylindrical body member including a cylindrical sleeve having an outer wall of a first [predetermined] diameter and an inner wall, the inner wall bounding a first central bore extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said cylindrical sleeve having an open rear end portion for receiving the outer jacket of the coaxial cable, said open rear end portion being deformable;

d. a compression ring having first and second opposing ends and having a central passageway extending therethrough between the first and second ends thereof, the first end of said compression ring having at least a portion of a first internal bore of a diameter commensurate with the first [predetermined] diameter of the outer wall of said cylindrical sleeve for allowing the first end of said compression ring to [extend over] axially slidably engage the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall leading from the first internal bore and narrowing to a reduced diameter as compared with the first [predetermined] diameter; and

e. said inwardly tapered annular wall causing said open rear end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member.

Claim 4

[Current claim 4 is unchanged relative to the prior version of claim 4 submitted by Preliminary Amendment on September 20, 2001.]

Claim 6

The connector recited by claim 2 wherein said compression ring is initially securely fastened to the sleeve of said cylindrical body member and connected thereto by a releasable connection, and wherein [axial] the axially slidable advancement of said compression ring toward the second end of said cylindrical body member separates the releasable connection between said compression ring and said cylindrical body member.

Claim 8

The connector recited by claim 2 wherein said cylindrical body member includes an enlarged diameter shoulder generally between the first and second ends thereof, said enlarged diameter shoulder having a diameter larger than the first [predetermined] diameter of the outer wall of said open rear end portion of said cylindrical sleeve, the first end of said compression ring engaging, and being stopped by, said enlarged diameter shoulder when said compression ring has been fully axially advanced over said cylindrical sleeve.

Claim 10

A connector for coupling [the] an end of a coaxial cable to a threaded port, the coaxial cable having a center conductor surrounded by a dielectric, the dielectric being surrounded by a conductive grounding sheath, and the conductive grounding sheath being surrounded by a protective outer jacket, said connector comprising in combination:

a. a tubular post having a first end adapted to be inserted into an exposed end of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end;

b. a nut having a first end for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore for threadedly engaging [a] the threaded port;

c. a cylindrical body member having a first end and a second end, the first end of said cylindrical body member including a cylindrical sleeve having an open rear end portion, said open rear end portion having an outer wall of a first [predetermined] diameter and an inner wall, the inner wall bounding a first central bore extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said [cylindrical sleeve having an] open rear end portion for receiving the outer jacket of the coaxial cable, said open rear end portion being deformable;

d. a compression ring having first and second opposing ends and having a central passageway extending therethrough between the first and second ends thereof, the first end of said compression ring having a first internal bore of a diameter commensurate with

the first [predetermined] diameter of the outer wall of said open rear end portion of said cylindrical sleeve for allowing the first end of said compression ring to [extend over] axially slidably engage the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall leading from the first internal bore and narrowing to a reduced diameter as compared with the first [predetermined] diameter;

e. said inwardly tapered annular wall causing said open rear end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member; and

f. wherein said cylindrical sleeve of said cylindrical body member has a circular relief formed therein to facilitate bending of said cylindrical sleeve as said compression ring is axially advanced thereover.

Claim 11

A connector for coupling [the] an end of a coaxial cable to a threaded port, the coaxial cable having a center conductor surrounded by a dielectric, the dielectric being surrounded by a conductive grounding sheath, and the conductive grounding sheath being surrounded by a protective outer jacket, said connector comprising in combination:

a. a tubular post having a first end adapted to be inserted into an exposed end of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end;

b. a nut having a first end for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore for threadedly engaging [a] the threaded port;

c. a cylindrical body member having a first end and a second end, the first end of said cylindrical body member including a cylindrical sleeve having an open rear end portion, said open rear end portion having an outer wall of a first [predetermined] diameter and an inner wall, the inner wall bounding a first central bore extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said [cylindrical sleeve having an] open rear end portion for receiving the outer jacket of the coaxial cable, said open rear end portion being deformable;

d. a compression ring having first and second opposing ends and having a central passageway extending therethrough between the first and second ends thereof, the first end of said compression ring having a first internal bore of a diameter commensurate with the first [predetermined] diameter of the outer wall of said open rear end portion of said cylindrical sleeve for allowing the first end of said compression ring to [extend over]

axially slidably engage the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall leading from the first internal bore and narrowing to a reduced diameter as compared with the first [predetermined] diameter;

e. said inwardly tapered annular wall causing said open rear end portion of said cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member; and

f. wherein said cylindrical sleeve of said cylindrical body member has a tapered section formed therein to facilitate bending of said cylindrical sleeve as said compression ring is axially advanced thereover.

Claim 12

A connector for coupling [the] an end of a coaxial cable to a threaded port, the coaxial cable having a center conductor surrounded by an insulator core, the insulator core being surrounded by an outer braid conductor, and the outer braid conductor being surrounded by a protective sheathing jacket, said connector comprising in combination:

a. a tubular post member having a first opening adapted to be inserted onto an exposed end of the coaxial cable around the insulator core thereof and under the outer braid conductor thereof, said tubular post member having an opposed second opening;

b. a nut member having a first end for rotatably engaging the second opening of said tubular post member and having an opposing second end with an internally threaded bore for threadedly engaging [a] the threaded port;

c. a connector body having a first end and a second end, the first end of said connector body including a cylindrical sleeve having an outer wall of a first [predetermined] diameter and an inner wall, the inner wall bounding a first outer cavity extending about said post member, the second end of said connector body engaging said post member proximate the second opening thereof, said cylindrical sleeve having an open end for receiving the sheathing jacket of the coaxial cable, said open end being deformable;

d. a fastener member having first and second opposing openings and having a second cavity extending therethrough between the first and second opposing openings thereof, the first opening of said fastener member having a first inner bore of a diameter commensurate with the first [predetermined] diameter of the outer wall of said connector body for allowing the first opening of said fastener member to [extend over] axially slidably engage the first end of said connector body, the second cavity of said fastener member including a ramped surface leading from the first inner bore and narrowing to a reduced diameter as compared with the first [predetermined] diameter;

e. said ramped surface causing said open end of said cylindrical sleeve to be deformed inwardly toward said tubular post member and against the jacket of the coaxial cable as said fastener member is advanced axially over the connector body toward the second end of said connector body; and

f. wherein said cylindrical sleeve of said connector body has a corrugated surface portion formed therein to facilitate [radial] movement of said cylindrical sleeve as said fastener member is axially advanced thereover.

Claim 13

A connector for coupling [the] an end of a coaxial cable to a threaded port, the coaxial cable having a center conductor surrounded by a dielectric, the dielectric being surrounded by a conductive grounding sheath, and the conductive grounding sheath being surrounded by a protective outer jacket, said connector comprising in combination:

a. a tubular post having a first end adapted to be inserted into an exposed end of the coaxial cable around the dielectric thereof and under the conductive grounding sheath thereof, said tubular post having an opposing second end;

b. a nut having a first end for rotatably engaging the second end of said tubular post and having an opposing second end with an internally threaded bore for threadedly engaging [a] the threaded port;

c. a cylindrical body member having a first end and a second end, the first end of said cylindrical body member including a cylindrical sleeve having an open rear end portion, said open rear end portion having an outer wall of a first [predetermined] diameter and an inner wall, the inner wall bounding a first central bore extending about said tubular post, the second end of said cylindrical body member engaging said tubular post proximate the second end thereof, said [cylindrical sleeve having an] open rear end portion for receiving the outer jacket of the coaxial cable, said open rear end portion being [deformable] deformed inwardly toward said tubular post and against the jacket of the coaxial cable when a compression ring is advanced axially over the first end of said cylindrical body member;

d. [a] the compression ring having first and second opposing ends and having a central passageway extending therethrough between the first and second ends thereof, the first end of said compression ring having a first internal bore of a diameter commensurate with the first [predetermined] diameter of the outer wall of said open rear end portion of said cylindrical sleeve for allowing the first end of said compression ring to extend over the first end of said cylindrical body member, the central passageway of said compression ring including an inwardly tapered annular wall leading from the first internal bore and narrowing to a reduced diameter as compared with the first [predetermined] diameter;

e. said inwardly tapered annular wall causing said open rear end portion of said

cylindrical sleeve to be deformed inwardly toward said tubular post and against the jacket of the coaxial cable as said compression ring is advanced axially over the cylindrical body member toward the second end of said cylindrical body member; and

f. wherein a series of grooves are formed in the outer wall of said cylindrical sleeve to reduce drag as the compression ring is axially advanced over said cylindrical sleeve.

Claim 14

A connector for coupling [the] an end of a coaxial cable to a threaded port, the coaxial cable having a center conductor surrounded by an insulator core, the insulator core being surrounded by an outer braid conductor, and the outer braid conductor being surrounded by a protective sheathing jacket, said connector comprising in combination:

a. a tubular post member having a first opening adapted to be inserted onto an exposed end of the coaxial cable around the insulator core thereof and under the outer braid conductor thereof, said tubular post member having an opposed second opening;

b. a nut member having a first end for rotatably engaging the second opening of said tubular post member and having an opposing second end with an internally threaded bore for threadedly engaging [a] the threaded port;

c. a connector body having a first end and a second end, the first end of said connector body including a cylindrical sleeve having an outer wall of a first predetermined diameter and an inner wall, the inner wall bounding a first outer cavity extending about said post member, the second end of said connector body engaging said post member proximate the second opening thereof, said cylindrical sleeve having an open end for receiving the sheathing jacket of the coaxial cable, said open end being deformable;

d. a fastener member having first and second opposing openings and having a second cavity extending therethrough between the first and second opposing openings thereof, the first opening of said fastener member having a first inner bore of a diameter commensurate with the first predetermined diameter of the outer wall of said connector body for allowing the first opening of said fastener member to extend over the first end of said connector body, the second cavity of said fastener member including a ramped surface leading from the first inner bore and narrowing to a reduced diameter as compared with the first predetermined diameter;

e. said ramped surface causing said open end of said cylindrical sleeve to be deformed inwardly toward said tubular post member and against the jacket of the coaxial cable as said fastener member is advanced axially over the connector body toward the second end of said connector body; and

f. wherein a corrugated surface portion is formed in the outer wall of said connector body to reduce driving force as the fastener member is axially advanced along said connector

body.